

## SECTION I

### PUBLISHED INTERNATIONAL APPLICATIONS

### DEMANDES INTERNATIONALES PUBLIÉES

- (51) Not classified / non classée  
(11) WO 2004/093517 (13) A2  
(21) PCT/FR2004/000912  
(22) 14 Apr/avr 2004 (14.04.2004)  
(25) fr (26) fr  
(30) 03/04620 14 Apr/avr 2003 FR (14.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PORTABLE TELEPHONE  
• TELEPHONE PORTABLE  
(71) MODELABS LIMITED [CN/CN]; 13/F, Wah Kit, Commercial Centre., 302 Desvoeux Road Central, Hong Kong (\*\*).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) ASSEO, Pierre [FR/CN]; 2008 Nanyang road, 200040 Shanghai (CN).  
(74) GRYNWALD, Albert; Cabinet Grynwald, 127 rue du Faubourg Poissonnière, F-75009 Paris (FR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) *for / pour US only / seulement*
- (51) Not classified / non classée  
(11) WO 2004/093518 (13) A2  
(21) PCT/US2004/011886  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,169 16 Apr/avr 2003 US (16.04.2003)  
(30) 60/538,676 23 Jan/jan 2004 US (23.01.2004)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • IMMUNOSTIMULATORY AGENTS IN BOTANICALS  
• AGENTS IMMUNOSTIMULATEURS PRESENTS DANS DES PRODUITS PHYTOPHARMACEUTIQUES  
(71) THE UNIVERSITY OF MISSISSIPPI [US/US]; 125 Old Chemistry, University, MS 38677 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) PASCO, David S [US/US]; 706 Oakhill Drive, Oxford, MS 38655 (US). PUGH, Nirmal, D [US/US]; 401 Thacker Loop, Oxford, MS 38655 (US). KHAN, Ikhlas, A [US/US]; Shelia Drive 65, Oxford, MS 38655 (US). MORAES, Rita [US/US]; 307 Deer Run, Oxford, MS 38655 (US).  
(74) WILSON, Mandy; Stites & Harbison PLLC, 400 West Market Street, Suite 1800, Louisville, KY 40202-3352 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51) Not classified / non classée  
(11) WO 2004/093519 (13) A2  
(21) PCT/US2004/004157  
(22) 11 Feb/fév 2004 (11.02.2004)  
(25) en (26) en  
(30) 10/404,015 31 Mar/mar 2003 US (31.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • HEAT EXCHANGER AND ASSOCIATED METHOD  
• ECHANGEUR THERMIQUE ET PROCEDE ASSOCIE  
(63) US 10/404,015 (CON) 31 Mar/mar 2003 (31.03.2003)  
(71) EDC AUTOMOTIVE, LLC [US/US]; 3199 Lapeer Road, Auburn Hills, MI 48326 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) MOSER, George [US/US]; 1450 Stillman Road, Mason, MI 48854 (US). SOMMER, Gordon [US/US]; 831 Deer Court, Plymouth, MI 48170 (US). OSTAPOWICZ, Adam [US/US]; 33229 Barrington Street, Westland, MI 48186 (US).  
(74) OLSON, Stephen, T.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) *for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*  
(t) *for all designations / pour toutes les désignations*
- (51) Not classified / non classée  
(11) WO 2004/093520 (13) A2  
(21) PCT/US2004/004189  
(22) 12 Feb/fév 2004 (12.02.2004)  
(25) en (26) en  
(30) 10/393,369 21 Mar/mar 2003 US (21.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SYNTHETIC ALTERNATIVES TO UNIFORM AND NON-UNIFORM GRADATIONS OF STRUCTURAL FILL  
• ALTERNATIVES SYNTHETIQUES A DES GRADATIONS UNIFORMES ET NON UNIFORMES DE REMBLAIS STRUCTURAUX  
(71, 72) IANNIELLO, Peter, J. [US/US]; 500 Fountain Street, Havre de Grace, MD 21078-3210 (US).  
(74) SHAFFER, Gary, L.; 901 Banks Place, Alexandria, Virginia 22312 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) Not classified / non classée

(11) WO 2004/093521 (13) A2

(21) PCT/US2004/008238

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/459,144 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD TO DETERMINE PROPERTIES OF A SEDIMENTARY BODY FROM THICKNESS AND GRAIN SIZE DISTRIBUTION AT A POINT WITHIN THE BODY

• PROCEDE POUR DETERMINER DES PROPRIETES D'UN CORPS SEDIMENTAIRE A PARTIR DE L'EPaisseur ET DE LA GRANULOMETRIE EN UN POINT DUDIT CORPS

(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEFFENBAUGH, Max [US/US]; 14822 Flowerwood Drive, Houston TX 77062 (US). HOYAL, David, C. [AU/US]; 6010 Kirby Drive, Houston, TX 77005 (US). ADAIR, Neal, L. [US/US]; 4134 Foxbrush Lane, Sugar Land, TX 77479 (US). HUH, Chun [US/US]; 7510 Stonecliff Drive, Austin, TX 78731 (US).

(74) KATZ, Gary, P. et al. / etc.; ExxonMobil Upstream Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)

EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (u) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51) Not classified / non classée

(11) WO 2004/093522 (13) A2

(21) PCT/US2004/008391

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/397,465 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVING PERFORMANCE OF DATA TRANSMISSION USING ADAPTIVE TECHNIQUE

• AMELIORATION DE LA QUALITE DE TRANSMISSION DES DONNEES AU MOYEN D'UNE TECHNIQUE ADAPTATIVE

(71) SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DACOSTA, Behram, M. [IN/US]; 11868 Stoney Peak Drive, No.431, San Diego, CA 92128 (US).

(74) SALTER, James, H.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) Not classified / non classée

(11) WO 2004/093523 (13) A2

(21) PCT/US2004/009888

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/417,410 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HEAT EXCHANGER

• ECHANGEUR DE CHALEUR

(71) CATACEL CORPORATION [US/US]; 5950 Eagle Creek Road, Leavittsburg, OH 44430 (US).

(72) WHITTENBERGER, William, A.; 5950 Eagle Creek Road, Leavittsburg, OH 44430 (US).

(74) EILBERG, William, H.; Three Bala Plaza, Suite 501 West, Bala Cynwyd, PA 19004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations  
(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A01G

(11) WO 2004/093524 (13) A2

(21) PCT/US2004/011830

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/464,081 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OXYGEN-RESISTANT HYDROGENASES AND METHODS FOR DESIGNING AND MAKING SAME

• HYDROGENASES RESISTANT A L'OXYGENE ET PROCEDES CORRESPONDANTS DE CONCEPTION ET DE REALISATION

(71) MIDWEST RESEARCH INSTITUTE [US/US]; 425 Volker Boulevard, Kansas City, Missouri 64110 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KING, Paul [US/US]; 1919 Denver West Drive, Apt. 122B, Golden, Colorado 80403 (US). GHIRARDI, Maria, L [US/US]; 111354 20th Avenue, Lakewood, Colorado 80215 (US). SEIBERT, Michael [US/US]; 13134 Yale Place, Lakewood, Colorado 80228 (US).

(74) WHITE, Paul, J. et al. / etc.; National Renewable Energy Laboratory, 1617 Cole Boulevard, Golden, Colorado 80401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> A01G

- (11) WO 2004/093525 (13) A2  
(21) PCT/US2004/012335  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 60/464,884 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • AQUATIC SURFACE BARRIERS AND  
METHODS FOR CULTURING SEA-  
WEED  
• BARRIERES POUR SURFACE AQUA-  
TIQUE ET PROCÉDES DE CULTURE  
D'ALGUES

- (71) DESERT ENERGY RESEARCH, IN-  
CORPORATED [US/US]; 2056 Lyndell  
Terrace, Suite 220, Davis, CA 95616 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

- (72, 75) MOLL, Benjamin [US/US]; 2015 Klee  
Place, Davis, CA 95616 (US).

- (74) BUCKLEY, Kevin, W. et al. / etc.; Son-  
nenschein Nath & Rosenthal LLP, Attention:  
IP Department - St. Louis Office, P.O.  
Box #061080, Wacker Drive Station - Sears  
Tower, Chicago, IL 60606-1080 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A01G 9/24

- (11) WO 2004/093526 (13) A1  
(21) PCT/FR2003/000892  
(22) 20 Mar/mar 2003 (20.03.2003)  
(25) fr (26) fr  
(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • AUTOMATIC WATERING DEVICE  
FOR A GREENHOUSE-TYPE TUBU-  
LAR STRUCTURE  
• DISPOSITIF D'ARROSAGE AUTOMA-  
TIQUE POUR UNE STRUCTURE EN  
TUBES DU GENRE SERRE

- (71, 72) BELLALI, Hedi [FR/FR]; 60, rue  
Garibaldi, F-69006 Lyon (FR).

- (74) CABINET GERMAIN & MAUREAU;  
Boite postale 6153, F-69466 Lyon Cedex 06  
(FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PH PL PT  
RO RU SC SD SE SG SK SL TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> A01G 31/04

- (11) WO 2004/093527 (13) A1  
(21) PCT/AU2004/000534  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en  
(30) 2003901948 24 Apr/avr 2003 AU  
(24.04.2003)

- (30) 2003906967 17 Dec/déc 2003 AU  
(17.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • HYDROPONIC PRODUCTION SYS-  
TEM  
• SYSTEME DE PRODUCTION HYDRO-  
PONIQUE

- (71) COLLMOORE FODDER PTY LTD  
[AU/AU]; 29 Caribou Drive, Brassall,  
Queensland 4305 (AU).  
(for all designated States except / pour tous  
les États désignés sauf US)

- (72, 75) MOORE, David, Jonathan [AU/AU];  
29 Caribou Drive, Brassall, Queensland  
4305 (AU). COLLESS, Terrence, Dean  
[AU/AU]; 29 Caribou Drive, Brassall,  
Queensland 4305 (AU).

- (74) CULLEN & CO.; Level 29, 239 George  
Street, Brisbane, Queensland 4000 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A01H

- (11) WO 2004/093528 (13) A2  
(21) PCT/US2004/012070  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 60/464,550 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • GENERATION OF PLANTS WITH AL-  
TERED OIL CONTENT  
• GÉNÉRATION DE PLANTES À TE-  
NEUR MODIFIÉE EN HUILE

- (71) AGRINOMICS LLC [US/US]; 16160 S.W.  
Upper Boones Ferry Road, Portland, OR  
97224-7744 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

- (72, 75) LIGHTNER, Jonathan [US/US];  
28750 S. Heisinger Lane, Mulino, OR 97042  
(US). NG, Hein, Tsoeng [CN/US]; 12975  
SW 19th Street, Beaverton, OR 97008 (US).

- (74) SALE, Terri, L. et al. / etc.; P.O. Box 511,  
170 Harbor Way, South San Francisco, CA  
94083-0511 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A01H

- (11) WO 2004/093529 (13) A2  
(21) PCT/US2004/012075  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 60/464,526 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • GENERATION OF PLANTS WITH AL-  
TERED OIL CONTENT  
• GENERATION DE PLANTES A TE-  
NEUR MODIFIÉE EN HUILE

- (71) AGRINOMICS LLC [US/US]; 16160 S.W.  
Upper Boones Ferry Road, Portland, OR  
97224-7744 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

- (72, 75) LIGHTNER, Jonathan [US/US];  
28750 S. Heisinger Lane, Mulino, OR 97042

- (US). NG, Hein, Tsoeng [CN/US]; 12975 SW 19th Street, Beaverton, OR 97008 (US).
- (74) SALE, Terri, L. et al. / etc.; P.O. Box 511, 170 Harbor Way, South San Francisco, CA 94083-0511 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A01H
- (11) WO 2004/093530 (13) A2
- (21) PCT/US2004/012274
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 60/464,428 22 Apr/avr 2003 US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • GENERATION OF PLANTS WITH ALTERED OIL CONTENT
- GENERATION DE VEGETAUX A CONTENU D'HUILE MODIFIE
- (71) AGRINOMICS LLC [US/US]; 16160 S.W. Upper Boones Ferry Road, Portland, OR 97224-7744 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LIGHTNER, Jonathan [US/US]; 28750 S. Heisinger Lane, Mulino, OR 97042 (US). NG, Hein, Tsoeng [CN/US]; 12975 SW 19th Street, Beaverton, OR 97008 (US).
- (74) SALE, Terri, L. et al. / etc.; P.O. Box 511, 170 Harbor Way, South San Francisco, CA 94083-0511 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A01H
- (11) WO 2004/093532 (13) A2
- (21) PCT/US2004/012279
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 60/464,487 22 Apr/avr 2003 US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • GENERATION OF PLANTS WITH ALTERED OIL CONTENT
- GENERATION DE PLANTES AVEC UN CONTENU EN HUILE MODIFIE
- (71) AGRINOMICS LLC [US/US]; 16160 S.W. Upper Boones Ferry Road, Portland, Oregon 97224-7744 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LIGHTNER, Jonathan [US/US]; 28750 S. Heisinger Lane, Mulino, Oregon 97042 (US). NG, Hein, Tsoeng [CN/US]; 12975 SW 19th Street, Beaverton, Oregon 97008 (US).
- (74) SALE, Terri, L. et al. / etc.; P.O. Box 511, 170 Harbor Way, South San Francisco, California 94083-0511 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A01K 27/00
- (11) WO 2004/093533 (13) A2
- (21) PCT/US2004/011952
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 60/463,838 18 Apr/avr 2003 US (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COUPLING DEVICE
- DISPOSITIF DE COUPLAGE
- (71) INDIANA MILLS & MANUFACTURING, INC. [US/US]; 18881 U.S. 31 North, P.O. Box 408, Westfield, IN 46074-0408 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DINGMAN, Guy, R. [US/US]; 2219 Pheasant Run, Westfield, IN 46074 (US). ANTHONY, James, R. [US/US]; 15249 Bell Forch Ct., Carmel, IN 46032 (US).
- (74) MICHAEL, Jeffrey, A.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A01K 61/00

(11) WO 2004/093534 (13) A1

(21) PCT/NO2003/000131

(22) 23 Apr/avr 2003 (23.04.2003)

(25) no (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LAND OR SEA-BASED FISH FARM PLANT  
• PISCICULTURE BASEE SUR TERRE OU EN MER

(71, 72) ANDREASSEN, Johnny [NO/NO]; Ut-sikten 5A, N-9750 Honningsvaag (NO).

(74) CURO AS; Box 38, N-7231 Lundamo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01K 67/027

(11) WO 2004/093535 (13) A1

(21) PCT/GB2004/001753

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0309346.5 24 Apr/avr 2003 GB (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TUMOUR MODEL  
• MODELE TUMORAL

(71) MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London W1B 1AL (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RABBITTS, Terence, Howard [GB/GB]; MRC Laboratory of Molecular Biology, Division of Protein and Nucleic Acid Chemistry, Hills Road, Cambridge CB2 2QH (GB).

(74) MASCHIO, Antonio et al. / etc.; D. Young & Co., 120 Holborn, London EC1N 2DY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> A01K 97/06, B65H 49/18

(11) WO 2004/093536 (13) A1

(21) PCT/JP2004/005495

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

(30) 2003-120462 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SPOOL COUPLER AND COUPLED SPOOL  
• COUPLEUR DE BOBINE ET BOBINE COUPLEE

(71) KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED [JP/JP]; 9-11, Nihonbashi Horidome-cho 1-chome, Chuo-ku, Tokyo 1038552 (JP). KUREHA GOSEN CO., LTD. [JP/JP]; 1-63, Motomachi, Mibu-cho, Shimotsuga-gun, Tochigi 3210223 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAMURA, Yuji [JP/JP]; c/o Kureha Chemical Industry Company, Limited, 9-11, Nihonbashi Horidome-cho 1-chome, Chuo-ku, Tokyo 1038552 (JP). HASHIMOTO, Satoshi [JP/JP]; c/o Packaging Materials Rerearch Laboratories, Kur, eha Chemical Industry Company, Limited, 18-13, Oaza Kamitamari, Tamari-mura, Niihari-gun, Ibaraki 3113436 (JP). TOMITA, Kazuki [JP/JP]; c/o Kureha Gosen Co., Ltd., 1-63, Motomachi, Mibu-cho, Shimotsuga-gun, Tochigi 3210223 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; Soei Patent And Law Firm, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01M 29/02

(11) WO 2004/093537 (13) A1

(21) PCT/US2004/005291

(22) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 60/462,290 14 Apr/avr 2003 US (14.04.2003)

(30) 10/772,394 6 Feb/fév 2004 US (06.02.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ULTRASONIC PEST REPELLER  
• APPAREIL A ULTRASONES CONTRE LES ANIMAUX NUISIBLES

(71) WOODSTREAM CORPORATION [US/US]; 69 North Locust Street, Lititz, PA 17543 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RICH, Christopher, T. [US/US]; 154 Sky Meadow Lane, Leola, PA 17540 (US). KNELLER, Erika, L. [US/US]; 24 East Main Street, Lititz, PA 17543 (US).

(74) JACOBSON, Harvey, B, Jr.; JACOBSON HOLMAN, PLLC, 400 7th St, NW, Washington, DC 20004-2218 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A01N

(11) WO 2004/093538 (13) A2

(21) PCT/US2004/011611

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/417,747 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BAITING SYSTEM FOR SUPPRESSING POPULATIONS OF INSECTS SUCH AS MEDITERRANEAN AND CARIBBEAN FRUIT FLIES (DIPTERA: TEPHRITIDAE)

• SYSTEME D'APPATEMENT POUR SUPPRIMER DES POPULATIONS D'INSECTES TELS QUE LES MOUCHES DES FRUITS MEDITERRANEENNES ET DES CARAIBES (DIPTERA : TEPHRITIDAE)

(71) THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF AGRICULTURE [US/US]; 1400 Independence Avenue SW, Washington, DC 20250-0302 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEATH, Robert, R.; 7860 S.W. 160th Street, Miami, FL 33157 (US).

(74) PENDORF, Stephan, A. et al. / etc.; Pendorf & Cutliff, 5111 Memorial Highway, Tampa, FL 33634-7356 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les  
désignations

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> A01N

(11) WO 2004/093539 (13) A2

(21) PCT/US2004/012611

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,575 22 Apr/avr 2003 US  
(22.04.2003)

(30) 10/828,802 20 Apr/avr 2004 US  
(20.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHODS OF REDUCING PESTS  
BY USE OF IODOACETIC ACID,  
BROMOACETIC ACID, 2-iodoac-  
ETAMIDE, OR 2-BROMOACETAMIDE  
• PROCEDE POUR REDUIRE LE  
NOMBRE DE NUISIBLES AU MOYEN  
D'ACIDE IODOACETIQUE, D'ACIDE  
BROMOACETIQUE, DE 2-iodoac-  
ETAMIDE OU DE 2-BROMOACETA-  
MIDE

- (71) THE UNITED STATES OF AMERICA,  
as represented by the SECRETARY OF  
AGRICULTURE [US/US]; 1400 Inde-  
pendence Avenue SW, Washington, DC  
20250-0302 (US). AJAY NORTH AMER-  
ICA [US/US]; 1400 Industry Road, Powder  
Springs, GA 30127 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

- (72, 75) ROSSKOPF, Erin, N. [US/US]; 702  
Kearney Road, Fort Pierce, FL 34982 (US).  
THERRIEN, Leonard, L. [US/US]; 1020  
Carnation Drive, Sebastian, FL 32958 (US).  
BASINGER, William, H. [US/US]; 4070  
Heritage Crossing Walk, Hiram, GA 30141  
(US).

- (74) PENDORF, Stephan, A. et al. / etc.; Pendorf  
& Cutliff, 5111 Memorial Highway, Tampa,  
FL 33634-7356 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A01N 1/00

(11) WO 2004/093540 (13) A1

(21) PCT/JP2003/005028

(22) 21 Apr/avr 2003 (21.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • REMAINS FLUID LEAKAGE PREVEN-  
TION DEVICE  
• DISPOSITIF DE PREVENTION DE  
FUITES DE LIQUIDES DU CORPS

- (71, 72) NISHIHARA, Risa [JP/JP]; 50-8,  
Koinaka 3-chome, Nishi-ku, Hiroshima-shi,  
Hiroshima 733-0813 (JP).

- (74) MAEDA, Hiroshi et al. / etc.; Hon-  
machi-nakajima Bldg., 4-8, Utsubohon-  
machi 1-chome, Nishi-ku, Osaka-shi, Osaka  
550-0004 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PH PL PT  
RO RU SC SD SE SG SK SL TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> A01N 1/00

(11) WO 2004/093541 (13) A1

(21) PCT/US2003/008683

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • FORMALDEHYDE-FREE AQUEOUS  
TISSUE PRESERVATION COMPOSI-  
TIONS

- COMPOSITIONS AQUEUSES SANS  
FORMALDEHYDE POUR LA  
CONSERVATION DE TISSUS

- (71, 72) DUNPHY, Brian, W. [US/US]; 235  
Castletown Road, Timonium, MD 21093  
(US).

- (74) ROTHWELL, G., Franklin et al. / etc.;  
Rothwell, Figg, Ernst & Manbeck, P.C., 1425  
K Street, N.W., Suite 800, Washington, DC  
20005 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PH PL PT  
RO RU SC SD SE SG SK SL TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

Published / Publiée : (a)

(51)<sup>7</sup> A01N 43/16, 63/02

(11) WO 2004/093542 (13) A1

(21) PCT/CA2004/000606

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,455 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • USE OF LIPO CHITOOLIGOSACCHA-  
RIDES TO INITIATE EARLY FLOWER-  
ING AND FRUIT DEVELOPMENT IN  
PLANTS AND RELATED METHODS  
AND COMPOSITIONS

- UTILISATION DE LIPO-CHITOOLI-  
GOSACCHARIDES AFIN DE DECLEN-  
CHER UNE FLORAISON ET UN DEVE-  
LOPPLEMENT DES FRUITS PRECOCES  
DANS DES PLANTES ET PRECEDES  
ET COMPOSITIONS ASSOCIEES

- (71) BIOS AGRICULTURE INC. [CA/CA];  
135 Turnbull Court, Cambridge, Ontario N1T  
1C6 (CA).

(for all designated States except / pour tous  
les États désignés sauf US)

- (72, 75) CHEN, Chunquan [CA/CA]; 43  
McLaughlin Street, Cambridge, Ontario  
N3C 4M4 (CA). CHOLEWA, Ewa,  
Maria [CA/CA]; 345 Mulligan Street,  
Unit 22, North Bay, Ontario P1A 3S3  
(CA). MCIVER, Jhon, David [CA/CA];  
66 Wellington Street North, Kitchener, Onta-  
rio N2H 5J9 (CA). SCHULTZ, Birgit,  
Carolyn [CA/CA]; P.O. Box 1201, Lan-  
caster, Ontario K0C 1N0 (CA). YANG, Yang  
[CA/CA]; 173 Rue des Saphirs, L'Île Perrot,  
Québec J7V 9J7 (CA).

- (74) MANOLAKIS, Emmanuel et al. / etc.;  
Gowling Lafleur Henderson LLP, 1 Place  
Ville Marie, 37th Floor, Montréal, Québec,  
Canada, H3B 3P4 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A01N 43/80 // (A01N 43/80, 31/08)

(11) WO 2004/093543 (13) A1

(21) PCT/EP2004/003911

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 18 366.3 23 Apr/avr 2003 DE  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • MICROBICIDAL AGENTS  
• AGENTS MICROBICIDES
- (71) BAYER CHEMICALS AG [DE/DE]; 51368 Leverkusen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WACHTLER, Peter [DE/DE]; Scheiblerstr. 85, 47800 Krefeld (DE). KUGLER, Martin [DE/DE]; Am Kloster 47, 42799 Leichlingen (DE).
- (74) BAYER CHEMICALS AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A01N 47/10, C07C 281/02, C07D 333/20
- (11) WO 2004/093544 (13) A1
- (21) PCT/JP2004/005900
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-120640 24 Apr/avr 2003 JP (24.04.2003)
- (30) 2003-141333 20 May/mai 2003 JP (20.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SUBSTITUTED BENZENE DERIVATIVE OR SALT THEREOF, PROCESS FOR PRODUCING THESE, AND BACTERICIDE CONTAINING THE SAME AS ACTIVE INGREDIENT  
• DERIVE DE BENZENE SUBSTITUE OU SON SEL, LEUR PROCÉDE DE PRODUCTION, ET BACTÉRICIDE EN COMPRENANT EN TANT QUE PRINCIPAL ACTIF
- (71) ISHIHARA SANGYO KAISHA LTD. [JP/JP]; 3-15, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MITANI, Shigeru [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd. Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga, 5250025 (JP). NAGAYAMA, Souichiro [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd. Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga, 5250025 (JP). OGAWA, Muneazu [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd. Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga, 5250025 (JP). OKAMOTO, Tomohiro [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd. Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga, 5250025 (JP).
- (74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo, 1010042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A01N 47/44
- (11) WO 2004/093545 (13) A1
- (21) PCT/US2004/008267
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 10/412,795 11 Apr/avr 2003 US (11.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DISINFECTING SOLUTIONS EFFECTIVE AGAINST BACTERIAL ENDOSPORES  
• SOLUTIONS DESINFECTANTES EFFICACES CONTRE LES ENDOSPORES BACTÉRIENNES
- (71) BAUSCH & LOMB INCORPORATED [US/US]; One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) AMMON, Daniel, M., Jr. [US/US]; 179 Hurstbourne Road, Rochester, NY 14609 (US). BORAZJANI, Roya, N. [US/US]; 36 Woodcliff Terrace, Fairport, NY 14450 (US). SALAMONE, Joseph, C. [US/US]; 8 Woodcliff Terrace, Fairport, NY 14450 (US).
- (74) VACCA, Rita, D. et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A21B 3/13, B65D 5/30, 5/24, 5/40, 81/34
- (11) WO 2004/093547 (13) A1
- (21) PCT/AU2004/000517
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 2003901887 22 Apr/avr 2003 AU (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A BAKING TRAY  
• MOULE À PÂTISSERIE
- (71) AMCOR LIMITED [AU/AU]; 679 Victoria Street, Abbotsford, Victoria 3067 (AU). DANE PTY LTD [AU/AU]; 90 Longman Street, Chelmer, Queensland 4068 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HAMBLIN, Ronald, Geoffrey [GB/AU]; 52 Hector Road, Willoughby, New South Wales 2068 (AU). CHRISTOPHERSEN, Tony [AU/AU]; 90 Longman Terrace, Chelmer, Queensland 4068 (AU).
- (74) GRIFFITH HACK; 509 St Kilda Road, Melbourne, Victoria 3004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A21C 11/00, 3/02, A21B 1/48

(11) WO 2004/093548 (13) A2

(21) PCT/US2004/012168

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/421,484 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR FORMING FOOD PRODUCTS BY GRADUAL COMPRESSION

• APPAREIL ET PROCÉDE DE FORMATION DE PRODUITS ALIMENTAIRES PAR COMPRESSION GRADUELLE

(71) THE PILLSBURY COMPANY [US/US]; Number One General Mills Blvd., P.O. Box 1113, Minneapolis, MN 55440 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEINZEN, Thomas, E. [US/US]; 2002 Sibley Court, Burnsville, MN 55337 (US). FINKOWSKI, James, W. [US/US]; 15673 Kiowa St. NW, Andover, MN 55304 (US). DEMARS, Jimmy, A. [US/US]; 9384 170th STREET N, Hugo, MN 55038 (US).

(74) O'TOOLE, John, A. et al. / etc.; General Mills, Inc., Number One General Mills Blvd, P.O. Box 1113, Minneapolis, MN 55440 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP

(BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A21D

(11) WO 2004/093549 (13) A2

(21) PCT/US2004/010954

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,321 21 Apr/avr 2003 US (21.04.2003)

(30) 60/464,332 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS OF FORMING CORN FLAKING GRITS OF IMPROVED QUALITY WITH MINIMIZATION OF PRODUCTION OF CORN DOUBLES

• PROCÉDE DE FORMATION DE GRUAUX DE FLOCONNAGE DE MAIS DE MEILLEURE QUALITE AVEC REDUCTION AU MINIMUM DE LA PRODUCTION DE DOUBLES MAIS

(71) CARGILL, INC. [US/US]; 15407 McGinty Road, West, Wayzata, MN 55391 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) VANHOUTEN, Michael [US/US]; 3705 E. Carmel Drive, Carmel, IN 46033 (US). MILLER, Curtis [US/US]; 14635 E. 300 Road, Paris, IL 61944 (US). PIEL, Fritz [US/US]; 5176 Clear Lake Court, Carmel, IN 46033 (US).

(74) RIVARD, Paul, M.; Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A21D 8/02

(11) WO 2004/093550 (13) A1

(21) PCT/US2004/008688

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/407,311 4 Apr/avr 2003 US (04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MANUFACTURING DOUGH PRODUCTS VIA GAS INJECTION AND ACCELERATIONAL MIXING

• PROCÉDE DE FABRICATION DE PRODUITS EN PATE VIA INJECTION DE GAZ ET MELANGEAGE ACCELERÉ

(71) THE PILLSBURY COMPANY [US/US]; Number One General Mills Boulevard, P.O. Box 1113, Minneapolis, MN 55440 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOEDEKEN, Douglas, L. [US/US]; 13237 Mankato Street NE, Blaine, MN 55449 (US). KUBAT, Chad, M. [US/US]; 7999 Greenbriar Lane, Woodbury, MN 55125 (US). MANIAK, Douglas, C. [US/US]; 16231 Azurite Street NW, Ramsey, MN 55303 (US). THORSON, James, S. [US/US]; 21980 Manning Trail, Scandia, MN 55073 (US).

(74) HORNILLA, Arlene, L. et al. / etc.; General Mills, Inc., Number One General Mills Boulevard, P.O. Box 1113, Minneapolis, MN 55440 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A21D 10/02, 8/02, 2/08, A23L 1/00, A21D 13/08

(11) WO 2004/093551 (13) A1

(21) PCT/US2004/010919

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/417,608 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DOUGH MADE WITH ENCAPSULATED SODA

• PATE REALISEE AVEC DU BICARBONATE DE SOUDE ENROBE

(71) THE PILLSBURY COMPANY [US/US]; Number One General Mills Boulevard, P.O. Box 1113, Minneapolis, MN 55440 (US). (for all designated States except / pour tous les États désignés sauf US)



(72, 75) **DOMINGUES, David, J.** [US/US]; 11520 - 39th Avenue North, Plymouth, MN 55441 (US).

(74) **HORNILLA, Arlene, L. et al. / etc.;** GENERAL MILLS, INC., Number One General Mills Boulevard, P.O. BOX 1113, Minneapolis, MN 55440 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> **A22B 5/08**

(11) **WO 2004/093552** (13) A1

(21) PCT/EP2004/004395

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) de (26) de

(30) 103 18 657.3 **24 Apr/avr 2003 DE (24.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONDENSATION SCALDING TUNNEL FOR SLAUGHTER ANIMALS  
• TUNNEL D'ECHAUDAGE A CONDENSATION POUR ANIMAUX DE BOUCHERIE

(71) **BANSS SCHLACHT- UND FÖRDERTECHNIK GMBH** [DE/DE]; Industriestrasse 4, 35216 Biedenkopf (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRIEL, Hermann** [DE/DE]; Dexbacher Str. 1, 35116 Hatzfeld/Eifa (DE).

(74) **STOFFREGEN, Hans-Herbert;** Friedrich-Ebert-Anlage 11b, 63450 Hanau (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A22C 11/12**

(11) **WO 2004/093553** (13) A1

(21) PCT/EP2004/004329

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) de (26) de

(30) 103 18 377.9 **23 Apr/avr 2003 DE (23.04.2003)**

(30) 203 19 755.0 **19 Dec/déc 2003 DE (19.12.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELLIPTICAL SYNCHRONOUS BELT DRIVE  
• ENTRAINEMENT PAR COURROIE CRANTEE ELLIPTIQUE

(71) **POLY-CLIP SYSTEM GMBH & CO. KG** [DE/DE]; Westerbachstr. 45, 60489 Frankfurt am Main (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EBERT, Detlef** [DE/DE]; Frankfurterstr. 45, 61231 Bad Nauheim (DE).  
**PRETSCHER, Thomas** [DE/DE]; Angergasse 32, 63165 Mühlheim (DE).

(74) **UNGERER, Olaf;** Eisenführ, Speiser & Partner, Arnulfstr. 25, 80335 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A23B**

(11) **WO 2004/093554** (13) A2

(21) PCT/US2004/012118

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 60/463,879 **18 Apr/avr 2003 US (18.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR PROVIDING SANITIZED FRESH PRODUCTS  
• PROCEDE PERMETTANT DE FOURNIR DES PRODUITS FRAIS ASSAINIS

(71) **FOOD SAFE, INC.** [US/US]; 1361 Kwana Court, Prescott, AZ 86301 (US).

(72) **KARNEY, Clarence, W.;** 3077 Indian Meadow Drive, Prescott, AZ 86301 (US).

(74) **MORRISS, Julie, K. et al. / etc.;** Morriss O'Bryant Compagni, P.C., 136 South Main

Street, Suite 700, Salt Lake City, UT 84101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A23B 7/02, A23L 3/40, A01F 25/00, C13C 1/06**

(11) **WO 2004/093555** (13) A1

(21) PCT/SE2004/000616

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 0301158-2 **22 Apr/avr 2003 SE (22.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NEW PROCESS  
• NOUVEAU PROCEDE

(71, 72) **MAGNUSSON, Oskar** [SE/SE]; Follingboväg 31, S-621 43 Visby (SE).  
**KAHLBOM, Rune** [SE/NL]; Beijaert 66/2202, NL- PP Noordwijk (NL).  
**HEDSTRÖM, Mats** [SE/SE]; Strandvägen 7, S-62030 Slite (SE).

(74) **ALBIHNS STOCKHOLM AB;** P.O. Box 5581, S-114 85 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **A23C 9/152, 11/00, 13/00, 15/00, 17/00, 19/00, 20/00, 23/00**

(11) **WO 2004/093556** (13) A1

(21) PCT/CN2004/000279

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) zh (26) zh

(30) 03108274.2 **27 Mar/mar 2003 CN (27.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • THE USE OF N-ACETYL GLUCOSAMINE AS ADDITIVE IN MILK PRODUCTS  
• UTILISATION DE LA N-ACETYL GLUCOSAMINE COMME ADDITIF POUR PRODUITS LAITIERS

(71) **THIRD MILITARY MEDICAL UNIVERSITY, CHINESE PEOPLE'S LIBERATION ARMY, P.R. OF CHINA** [CN/CN]; No. 30 Gaotanyan Street, Shapingba District, Chongqing 400038 (CN).  
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(72, 75) **XU, Qiwang** [CN/CN]; No. 30 Gaotanyan Street, Shapingba District, Chongqing 400038 (CN). **LIU, Junkang** [CN/CN]; No. 30 Gaotanyan Street, Shapingba District, Chongqing 400038 (CN). **YUAN, Zetao** [CN/CN]; No. 30 Gaotanyan Street, Shapingba District, Chongqing 400038 (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th Floor, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23C 9/20, 9/13, A23L 1/29

(11) **WO 2004/093557** (13) A1

(21) PCT/US2004/008451

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 10/413,508 **14 Apr/avr 2003 US (14.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITIONS AND METHODS OF FORMULATION FOR ENTERAL FORMULAS CONTAINING SIALIC ACID  
• COMPOSITIONS ET PROCEDES RELATIFS A DES PREPARATIONS ENTERALES CONTENANT DE L'ACIDE SIALIQUE

(71) **BRISTOL MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, New Jersey 08543 (US).  
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(72, 75) **MCMAHON, Robert, J.** [US/US]; 12434 Red Gate Road, Evansville, Indiana 47725 (US). **LOCNISKAR, Mary, Frances** [US/US]; 4113 Blackjack Oak Drive, Lawrence, Kansas 66047 (US). **RUMSEY, Steven, Charles** [US/US]; 6809 Kolb Drive, Evansville, Indiana 47715 (US). **ANTHONY, Joshua, C.** [US/US]; 3301 Cobblefield Drive, Evansville, Indiana 47711 (US). **WUNGTANAGORN, Ratchapong** [TH/TH]; 62/194 Moo 5, Jorakae Bau, Lat Phrao, Bangkok, 10230 (TH).

(74) **NELSON MULLINS RILEY & SCARBOROUGH, LLP**; P.O. Box 11070, Columbia, SC 29211 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A23G

(11) **WO 2004/093558** (13) A2

(21) PCT/US2004/012329

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 60/464,474 **22 Apr/avr 2003 US (22.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW WATER ACTIVITY COLD-PROCESS ICE CREAM TOPPING  
• GARNITURES POUR CREME GLACEE A FAIBLE ACTIVITE DE L'EAU OBTENUES PAR UN PROCESSUS A FROID

(71) **THE J. M. SMUCKER COMPANY** [US/US]; Strawberry Lane, Orrville, OH 44667 (US).  
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(72, 75) **CORFMAN, Susan, Amy** [US/US]; 418 S. Walnut Street, Orrville, OH 44667 (US). **JINDRA, James, Andrew** [US/US]; 2815 Lee Drive, Wooster, OH 44691 (US). **GRUCZA, Mark, Stephen** [US/US]; 411 Summit Street, Wadsworth, OH 44281 (US). **HANSEN, John, P.** [US/US]; 634 Tanbark Lane, Wadsworth, OH 44281 (US). **MCALLISTER, James, P.** [US/US]; 1197 Dogwood Drive, Orrville, OH 44667 (US).

(74) **FROST, Kristin, J.**; Calfee, Halter & Griswold LLP, 800 Superior Avenue, Suite 1400, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A23G 3/30

(11) **WO 2004/093559** (13) A2

(21) PCT/US2004/011750

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 10/249,539 **17 Apr/avr 2003 US (17.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS OF COATING TACKY AND SOFT POLYMER PELLETS  
• PROCEDE DE REVETEMENT DE PASTILLES EN POLYMERE MOU ET ADHESIVES

(71) **WM. WRIGLEY JR. COMPANY** [US/US]; Legal Department, 410 N. Michigan Avenue, Chicago, IL 60611 (US).  
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(72, 75) **LEE, Willy** [US/US]; 8 Hastings Court, Bridgewater, NJ 08807 (US). **MEYER, John** [US/US]; 7 Starling Road, Kendall Park, NJ 08824 (US). **LIU, Jingping** [US/US]; 14 Westwood Circle, Edison, NJ 08820 (US).

(74) **CHANDER, Jagriti**; Wm. Wrigley Jr. Company - R & D, 3535 S. Ashland Avenue, Chicago, IL 60609 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23J 3/14, A23L 1/20

(11) **WO 2004/093560** (13) A1

(21) PCT/AU2004/000515

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 2003901942 **24 Apr/avr 2003 AU (24.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN IMPROVED METHOD TO PRODUCE LUPIN PROTEIN-BASED DAIRY SUBSTITUTES  
• PROCEDE AMELIORE DE PRODUCTION DE SUCCEDANES LAITIERS A BASE DE PROTEINE DE LUPIN

(71) **THE STATE OF WESTERN AUSTRALIA THROUGH ITS DEPARTMENT OF AGRICULTURE** [AU/AU]; 3 Baron-Hay Court, South Perth, Western Australia 6151 (AU).  
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(72, 75) **SNOWDEN, John** [AU/AU]; 4 Duncanton Court, Leeming, Western Australia 6149 (AU). **SIPSAS, Sofi** [AU/AU]; 75 Harold Street, Dianella, Western Australia 6059 (AU). **ST JOHN, Charmian** [AU/AU]; 14 Learoyd Street, Mount Lawley, Western Australia 6050 (AU).

- (74) WRAY & ASSOCIATES; Level 4 The Quadrant, 1 William Street, Perth, Western Australia 6000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23K 1/18, 1/16
- (11) WO 2004/093561 (13) A1
- (21) PCT/CA2004/000602
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 60/464,360 22 Apr/avr 2003 US (22.04.2003)
- (30) 60/502,275 12 Sep/sep 2003 US (12.09.2003)
- (30) 60/535,805 13 Jan/jan 2004 US (13.01.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PREVENTION AND TREATMENT OF PATHOGENIC INFECTION IN POULTRY AND EGGS
- PREVENTION ET TRAITEMENT D'INFECTIONS PATHOGENES CHEZ LA VOLAILLE ET DANS LES OEUFS
- (71) UNIVERSITY OF GUELPH [CA/CA]; Business Development Office, Unit 4, 130 Research Lane, Guelph, Ontario N1G 5G3 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MINE, Yoshinori [CA/CA]; 37 Hazelwood Drive, Guelph, Ontario N1C 1A8 (CA).
- (74) CONN, David, L. et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A23L
- (11) WO 2004/093562 (13) A2
- (21) PCT/US2004/012086
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 10/417,552 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DEVICE FOR HOLDING A FOOD-STUFF
- DISPOSITIF POUR MAINTENIR UN PRODUIT ALIMENTAIRE
- (71, 72) ZANGARI, Vincent [US/US]; 1326 North Fairfax Avenue, Los Angeles, CA 90046 (US).
- (74) ROCCI, Steven, J. et al. / etc.; Woodcock Washburn LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A23L
- (11) WO 2004/093563 (13) A2
- (21) PCT/US2004/012096
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 60/464,614 23 Apr/avr 2003 US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • LOW CHOLESTEROL, FUNCTIONAL ANIMAL MUSCLE PROTEIN COMPOSITION AND PROCESS
- COMPOSITION PROTEIQUE MUSCULAIRE ANIMALE FONCTIONNELLE A FAIBLE TAUX DE CHOLESTEROL ET PROCEDE ASSOCIE
- (71) PROTEUS INDUSTRIES, INC. [US/US]; 21 Great Republic Drive, Gloucester, MA 01930 (US).
- (72) KELLEHER, Stephen, D.; 178 Main Street, Wakefield, MA 01880 (US).
- (74) COOK, Paul, J.; 115 Pine Street, Manchester, MA 01944 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A23L
- (11) WO 2004/093564 (13) A2
- (21) PCT/US2004/012289
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 10/420,139 21 Apr/avr 2003 US (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PARTICULATE-BASED INGREDIENT DELIVERY SYSTEM
- SYSTEME DE DISTRIBUTION D'INGREDIENT PARTICULAIRE
- (71) CARGILL, INCORPORATED [US/US]; Law Department, P.O. Box 5624, Minneapolis, MN 55440-5624 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ATWELL, William, A. [US/US]; 11389 Preserve Lane North, Champlin, MN 55316 (US). GILBERTSON, Dennis, B. [US/US]; 10208 Hillside Lane, Minnetonka, MN 55305 (US). EARLING, Jessica, Lee [US/US]; 3920 Drew Avenue South, Minneapolis, MN 55410 (US). ENGLESON, Jodi [US/US]; 2770 Foxgate Drive, Minnetonka, MN 55305 (US). MATTSSEN, Jody, Lee [US/US]; 108 Spruce Street W., South Saint Paul, MN 55075 (US).
- (74) KLOS, John, F. et al. / etc.; Fulbright & Jaworski L.L.P., 2100 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2112 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)

EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> A23L

(11) WO 2004/093565 (13) A2

(21) PCT/US2004/007470

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/410,707 9 Apr/avr 2003 US (09.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IN-CANISTER PRODUCT COOLING

- REFRROIDISSEMENT DE PRODUIT EN BOITE

(71) FRITO-LAY NORTH AMERICA, INC. formerly known as RECOT, INC. [US/US]; 7701 Legacy Drive, Plano, TX 75066 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AVIS, Benjamin, Adam [US/US]; 1926 Marble Falls Lane, Little Elm, TX 75068 (US). SAGEL, Joseph, Paul [US/US]; 455 Craig Circle, Highland Village, TX 75077 (US).

(74) CAHOON, Colin, P.; Carstens Yee & Cahoon, L.L.P., P.O. Box 802334, Dallas, TX 75380 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> A23L

(11) WO 2004/093566 (13) A2

(21) PCT/US2004/007487

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/464,614 23 Apr/avr 2003 US (23.04.2003)

(30) 10/655,604 5 Sep/sep 2003 US (05.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FUNCTIONAL ANIMAL MUSCLE PROTEIN CONCENTRATE COMPOSITION AND PROCESS

- COMPOSITION FONCTIONNELLE DE CONCENTRAT DE PROTEINES MUSCULAIRES ANIMALES ET PROCEDE

(71) PROTEUS INDUSTRIES, INC. [US/US]; 21 Great Republic Drive, Gloucester, MA 01930 (US).  
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(72) KELLEHER, Stephen, D.; 178 Main Street, Wakefield, MA 01880 (US).

(74) COOK, Paul, J.; 115 Pine Street, Manchester, MA 01944 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23L

(11) WO 2004/093567 (13) A2

(21) PCT/US2004/007687

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/400,209 26 Mar/mar 2003 US (26.03.2003)

(30) 10/727,878 3 Dec/déc 2003 US (03.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-PURPOSE STEAMER/SMOKER AND GRILLING DEVICES

- DISPOSITIFS DE ROTISSAGE ET CUISSON A VAPEUR/FUMAISON POLYVALENTS

(71, 72) CITRYNELL, Andrew [US/US]; 264 Sunrise Lane, Carbondale, CO 81623 (US). MILLER, Kimberly, Ann [US/US]; 264 Sunrise Lane, Carbondale, CO 81623 (US).

(74) GIBBY, Darin, J. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23L

(11) WO 2004/093568 (13) A2

(21) PCT/US2004/008775

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/414,848 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR PRODUCING COLORED EXTRUDED FOOD PRODUCTS

- APPAREIL ET PROCEDE PERMETTANT DE PRODUIRE DES PRODUITS ALIMENTAIRES EXTRUDES COLORES

(71) FRITO-LAY NORTH AMERICA, INC. [US/US]; 7701 Legacy Drive, Plano, TX 75266 (US).

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(72, 75) BORTONE, Eugenio [VE/US]; 5416 LaFayette Lane, Frisco, TX 75035 (US). HANSON, Perry [US/US]; 3902 Frontier Lane, Dallas, TX 75214 (US). SUTARIA, Devang, Jitendra [US/US]; 5400 Preston Oaks Road, Apt.3060, Dallas, TX 75254 (US).

(74) CAHOON, Colin, P.; Carstens, Yee & Cahoon, L.L.P., P.O. Box 802334, Dallas, TX 75380 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> A23L 1/08, 1/076, A61K 9/06

(11) WO 2004/093569 (13) A1

(21) PCT/EG2004/000003

(22) 11 Feb/fév 2004 (11.02.2004)

(25) en (26) en

(30) 2003040374 21 Apr/avr 2003 EG  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TOPICAL COMPOSITION ON THE BASIS OF HONEY

- COMPOSITION TOPIQUE A BASE DE MIEL

(71, 72) OSMAN, Osman Fathi [EG/EG]; 51 Kasr Al Nile St, Flat 5, Cairo-Egypt (EG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A23L 1/10, B02B 3/00, 3/08

(11) WO 2004/093570 (13) A1

(21) PCT/JP2004/005574

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

(30) 2003-115638 21 Apr/avr 2003 JP  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND DEVICE FOR MANUFACTURING UNWASHED RICE

- PROCEDE ET APPAREIL DE PRODUCTION DE RIZ NON LAVE

(71) TOYO RICE CLEANING MACHINE CO., LTD. [JP/JP]; 12, Kuroda, Wakayama-shi, Wakayama 640-8341 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAIKA, Keiji [JP/JP]

(74) YANO, Juichiro; YANO INTERNATIONAL PATENT OFFICE, Twin 21 MID Tower, 34th Floor, 1-61, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-6134 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A23L 1/30, 2/52, 2/60, 2/02, A23C 9/152, 9/13

(11) WO 2004/093571 (13) A1

(21) PCT/FI2004/000250

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 20030610 22 Apr/avr 2003 FI  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EDIBLE PRODUCT WITH MASKED BITTER, SOUR AND/OR ASTRINGENT TASTE

- PRODUIT COMESTIBLE DONT LE GOUT AMER, ACIDULE ET/OU ASTRINGENT EST MASQUE

(71) RAISIO BENECOL OY [FI/FI]; P.O. Box 101, FI-21201 Raisio (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POURU, Anniina [FI/FI]; Lumparlankatu 15 D 25, FI-21200 Raisio (FI). KUUUSTO, Päivi [FI/FI]; Myllykiventie 1 C 91, FI-21100 Naantali (FI). LAHTINEN, Ritva [FI/FI]; Timoteinkuja 3, FI-20240 Turku (FI). KOPONEN, Leena [FI/FI]; Metsämäenkuja 3, FI-20320 Turku (FI).

(74) BERGGREN OY AB; P.O. Box 16, (Jaakonkatu 3 A), FI-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A23L 1/31, 1/315, A23P 1/10

(11) WO 2004/093572 (13) A1

(21) PCT/JP2004/003698

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-074647 18 Mar/mar 2003 JP  
(18.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEAT STUFFED WITH DIFFERENT FOOD, ITS PRODUCING METHOD, AND PROCESSED FOOD MADE OF

MEAT STUFFED WITH DIFFERENT FOOD

- VIANDE FARCIE D'UN ALIMENT DIFFERENT, PROCEDE DE PRODUCTION DE LADITE VIANDE ET ALIMENT TRANSFORME CONFECTIIONNE AVEC LA VIANDE FARCIE D'UN ALIMENT DIFFERENT

(71) KYOUEI SHOKUCHOU CO., LTD. [JP/JP]; 2-709, Aza Choshichiyachi, Oaza Ichikawa-machi, Hahinohe-shi, Aomori 0392241 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OGASAWARA, Kin-ichirou [JP/JP]; c/o Kyowei Shokuchou Co., Ltd., 2-709, Aza Choshichiyachi, Oaza, Ichikawa-machi, Hachinohe-shi, Aomori 0392241 (JP).

(74) TOMISAWA, Tomonari; c/o Hachinohe Intelligent Plaza, 1-4-43, Kita-inter-kougyou-danchi, Hachinohe-shi, Aomori 0392245 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> A23L 3/32, 3/30, 3/28, 3/26, 3/40, 3/015, 3/22, 3/18

(11) WO 2004/093573 (13) A1

(21) PCT/US2004/003626

(22) 10 Feb/fév 2004 (10.02.2004)

(25) en (26) en

(30) 10/395,728 24 Mar/mar 2003 US  
(24.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-STAGE METHOD AND APPARATUS FOR COMBINED THERMAL AND NON-THERMAL PASTEURIZATION

- DISPOSITIF ET PROCEDE DE PASTEURISATION COMBINEE THERMIQUE ET NON-THERMIQUE A PLUSIEURS NIVEAUX

- (71) **FMC TECHNOLOGIES, INC.** [US/US]; 200 Randolph Drive, Chicago, IL 60601 (US). **FOX, Kenneth**; 4736 Highlands Place Drive, Lakeland, FL 33813 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (74) **WENG, Zhijun**; 1820 E. Muncie Avenue, Fresno, CA 93720 (US). **PODESTA, Juan**; 1106 Seneca Road, Wilmette, IL 60091 (US).
- (74) **ROONEY, Kevin, G. et al.** / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A23L 3/34, 3/3463**
- (11) **WO 2004/093574** (13) A1
- (21) PCT/IL2004/000342
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 60/464,104 **21 Apr/avr 2003** US (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EXTENDING THE SHELF LIFE OF HARVESTED PLANT MATTER USING ALKANOYL-L-ASCORBIC ACID ESTERS, AND SYNTHESIS THEREOF
- PROLONGATION DE LA DURÉE DE STOCKAGE DE MATIÈRES VÉGÉTALES RECOLTÉES, A L'AIDE D'ESTERS D'ACIDE ALCA-NOYLE-L-ASCORBIQUE ET LEUR SYNTHÈSE
- (71) **FRUTAVIT LTD.** [IL/IL]; Teradion Industrial Park, Technology Center, P.O.Box 20, 20179 M.P. Misgav (IL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHALATA, Abed** [IL/IL]; P.O.Box 1551, 20173 Sakhnin (IL). **ABUSHQARA, Elias** [IL/IL]; P.O.Box 5049, 14930 Maghar (IL).
- (74) **GOLD - PATENTS & FINANCIAL SERVICES LTD.**; 43, Rubinstein st., 34987 Haifa (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **A24B 15/16**
- (11) **WO 2004/093575** (13) A1
- (21) PCT/KR2003/000826
- (22) **24 Apr/avr 2003 (24.04.2003)**
- (25) ko (26) en
- (30) 10-2003-0025877 **23 Apr/avr 2003** KR (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • THE MOUTH SPICE CIGARETTES GOODS
- CIGARETTES AROMATISEES
- (71, 72) **KO, Un-Mam** [KR/KR]; 89ho, Seoul Mapo a Post-Office Box, Dohua 1 Dong, Mapo-Gu, 121-050 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A41C 1/00, 1/06, 3/00, A41B 9/04, A41D 7/00, D04B 21/18**
- (11) **WO 2004/093576** (13) A1
- (21) PCT/JP2004/005581
- (22) **19 Apr/avr 2004 (19.04.2004)**
- (25) ja (26) ja
- (30) 2003-118775 **23 Apr/avr 2003** JP (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • GARMENT
- VETEMENT
- (71) **WACOAL CORP.** [JP/JP]; 29, Nakajimacho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 6018530 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OYA, Kei**
- (74) **IKEUCHI SATO & PARTNER PATENT ATTORNEYS**; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 5306026 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A41C 3/02, A41F 1/00, F16G 11/10**
- (11) **WO 2004/093577** (13) A2
- (21) PCT/FR2004/000897
- (22) **13 Apr/avr 2004 (13.04.2004)**
- (25) fr (26) fr
- (30) 03/04895 **18 Apr/avr 2003** FR (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DEVICE FOR ADJUSTING THE DISTANCE BETWEEN THE CUPS OF A BRA
- DISPOSITIF D'AJUSTEMENT DE LA DISTANCE ENTRE LES BONNETS D'UN SOUTIEN-GORGE
- (71) **THABORA** [FR/FR]; 6, rue des Papetiers, BP 548, F-38313 Bourgoin Jallieu Cedex (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BASQUIN, Thierry, Emmanuel** [FR/FR]; Le Mas du Mollard, F-38630 Veyrins (FR). **BASQUIN, Christian, Pierre** [FR/FR]; Le Mas du Mollard, F-38630 Veyrins (FR).
- (74) **MARTIN, Didier**; Cabinet Didier Martin, 50, chemin des Verrières, F-69260 Charbonnières Les Bains (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A41D**
- (11) **WO 2004/093578** (13) A2
- (21) PCT/EP2004/003934
- (22) **15 Apr/avr 2004 (15.04.2004)**
- (25) de (26) de
- (30) 103 18 351.5 **23 Apr/avr 2003** DE (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PROTECTIVE CLOTHING MADE OF A MULTI-LAYERED TEXTILE
- VETEMENT DE PROTECTION CONSTITUE D'UNE MATIERE TEXTILE MULTICOUCHE
- (71) **INNOVATEC MICROFIBRE TECHNOLOGY GMBH & CO. KG** [DE/DE]; Mülheimerstr. 26, 53840 Troisdorf (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FISCHER, Jörg** [DE/DE]; Winsterstr. 91, 45481 Mülheim a. d. Ruhr (DE).

(74) GRUNDMANN, Dirk et al. / etc.; Rieder & Partner, Corneliusstrasse 45, 42329 Wuppertal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A41D

(11) WO 2004/093579 (13) A2

(21) PCT/FR2004/000945

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/04808 17 Apr/avr 2003 FR (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF PRODUCING A MULTI-PURPOSE GLOVE AND GLOVE THUS OBTAINED

• PROCEDE DE REALISATION D'UN GANT MULTI-USAGES, GANT OB-TENU

(71, 72) SOUMAGNAS, Colette [FR/FR]; 5, rue George Sand, F-87200 Saint-Junien (FR).

(74) POUCHUCQ, Bernard; Société Aquinov, 12, rue Condorcet, F-33150 Cenon (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A41D

(11) WO 2004/093580 (13) A2

(21) PCT/US2004/012473

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,506 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS, APPARATUS, AND ARTICLES OF MANUFACTURE FOR PROVIDING A FOAM GLOVE

• PROCEDES, APPAREIL ET ARTICLES MANUFACTURES SE RAPPORTANT A UN GANT EN MOUSSE

(71) BEST MANUFACTURING COMPANY [US/US]; 579 Edison Street, Menlo, GA 30731 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DILLARD, Elaine [US/US]; 3716 Hwy. 100, Summerville, GA 30747 (US).

PEWITT, Richard, W. [US/US]; 798 Tucker Rd., Summerville, GA 30747 (US).

WILLIAMS, William, A. [US/US]; 121 Dandee Drive, Summerville, GA 30747 (US).

(74) PRATT, John, S. et al. / etc.; Kilpatrick Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, GA 30309-4530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A41D 5/00, A41H 41/00

(11) WO 2004/093581 (13) A1

(21) PCT/RU2003/000180

(22) 18 Apr/avr 2003 (18.04.2003)

(25) en (26) en

(30) 2003107074 17 Mar/mar 2003 RU (17.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MANUFACTURING FUR ITEMS

• PROCEDE DE FABRICATION D'ARTICLES EN FOURRURE

(71, 72) OSMUSHINA, Lyudmila Evgenievna [RU/RU]; Shenkursky pr-d, 4-293, Moscow, 127349 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A41D 15/04, 3/00

(11) WO 2004/093582 (13) A1

(21) PCT/IB2004/001195

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/420,597 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TRANSFORMABLE GARMENT

• VETEMENT TRANSFORMABLE

(71, 72) ELEN, Carine [BE/US]; 206 Greycourt Road, Chester, NY 10918 (US).

(74) REUTELER, Raymond, Werner; William Blanc & Cie Conseils en Propriété Industrielle SA, Avenue du Pailly 25, CH-1220 Les Avanchets/Geneva (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A41D 27/10

(11) WO 2004/093583 (13) A1

(21) PCT/JP2004/005591

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-116681 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CLOTHES

• HABITS

(71) TORAY INDUSTRIES, INC. [JP/JP]; 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo 1038666 (JP). TORAY INTERNATIONAL, INC. [JP/JP]; 4-4, Nihonbashi-Muromachi 3-chome, Chuo-ku, Tokyo 1030022 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANIGUCHI, Takamitsu [JP/JP]; 5-A11-23, Sonoyama 2-chome, Otsu-shi, Shiga 5200842 (JP). MATSUMOTO, Shingo [JP/JP]; 38-49, Fujimidai, Otsu-shi, Shiga 5200846 (JP). KOJIMA, Masuji

- [JP/JP]; 14-22, Kokubu 2-chome, Otsu-shi, Shiga 5200844 (JP). **OGOSHI, Hirokuni** [JP/JP]; 25-2, Shimeien 9-chome, Ibaraki-shi, Osaka 5670045 (JP).
- (74) **IWAMI, Tomonori**; c/o Intellectual Property Department, Toray Industries, Inc., 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 5208558 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A43B**  
 (11) **WO 2004/093584** (13) A2  
 (21) PCT/US2004/010925  
 (22) **9 Apr/avr 2004 (09.04.2004)**  
 (25) en (26) en  
 (30) 10/421,403 **23 Apr/avr 2003** US  
**(23.04.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **DEVICE FOR HIGH-HEELED SHOES**  
 • **DISPOSITIF POUR CHAUSSURES A TALONS HAUTS**
- (71) **HBN SHOE, LLC** [US/US]; 21 Eastman Avenue, Bedford, NH 03110 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DANANBERG, Howard J.** [US/US]; 19 Beaver Lane, Bedford, NH 03110 (US).
- (74) **SOLOWAY, Norman P. et al.** / etc.; HAYES SOLOWAY P.C., 130 W. Cushing Street, Tucson, AZ 85701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A43B 3/10, 3/12, 3/24, 23/00**  
 (11) **WO 2004/093585** (13) A1  
 (21) PCT/US2004/007322  
 (22) **12 Mar/mar 2004 (12.03.2004)**  
 (25) en (26) en  
 (30) 10/402,713 **28 Mar/mar 2003** US  
**(28.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **SANDAL HAVING A VARIETY OF LACING STYLES**  
 • **SANDALE AVEC UNE GRANDE VARIETE DE STYLES DE LAÇAGE**
- (71, 72) **YU, Zu, Sheng** [CN/US]; 31 Bayview Drive, Huntington, NY 11743 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (74) **CHAU, Frank et al.** / etc.; F. Chau & Associates, LLC, 1900 Hempstead Turnpike, Suite 501, East Meadow, NY 11554 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **A43B 13/20, F16K 15/20, B01D 39/08**  
 (11) **WO 2004/093586** (13) A1  
 (21) PCT/US2004/011519  
 (22) **15 Apr/avr 2004 (15.04.2004)**  
 (25) en (26) en  
 (30) 10/421,279 **23 Apr/avr 2003** US  
**(23.04.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **FLUID SYSTEM WITH INTERNAL FILTER**  
 • **CIRCUIT DE FLUIDE COMPRENANT UN FILTRE INTERNE**
- (71) **NIKE, INC.** [US/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).  
*(only for / seulement pour JP KR)*
- (71) **NIKE INTERNATIONAL LTD.** [GB/US]; One Bowerman Drive, Beaverton, OR 97005-6453 (US).  
*(for all designated States except / pour tous les États désignés sauf JP KR US)*
- (72, 75) **PASSKE, Joel, L.** [US/US]; 1686 S.E. 62nd Avenue, Hillsboro, OR 97123 (US).  
**DOJAN, Fred** [US/US]; 12710 N.W. 47th Avenue, Vancouver, WA 98685 (US).
- (74) **KUZARA, Byron, S.; Banner & Witcoff, Ltd.**, 11th Floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **A43B 23/02, 5/00, 13/14**  
 (11) **WO 2004/093587** (13) A1  
 (21) PCT/JP2004/005335  
 (22) **14 Apr/avr 2004 (14.04.2004)**  
 (25) ja (26) ja  
 (30) 2003-119887 **24 Apr/avr 2003** JP  
**(24.04.2003)**  
 (30) 2003-371830 **31 Oct/oct 2003** JP  
**(31.10.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **SPORTS SHOES HAVING UPPER PART WITH IMPROVED FITTING PROPERTY**  
 • **CHAUSSURES DE SPORT POURVUE D'UNE PARTIE SUPERIEURE A PROPRIETE D'ADAPTATION AMELIOREE**
- (71) **ASICS CORPORATION** [JP/JP]; 1-1, Minatojima-Nakamachi 7-chome, Chuo-ku, Kobe-Shi, Hyogo, 6508555 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NISHIWAKI, Tsuyoshi** [JP/JP]; c/o ASICS CORPORATION, 1-1, Minatojima-Nakamachi 7-chome, Chuo-ku, Kobe-Shi, Hyogo, 6508555 (JP).  
**NAKABE, Noboru** [JP/JP]; c/o ASICS CORPORATION, 1-1, Minatojima-Nakamachi 7-chome, Chuo-ku, Kobe-Shi, Hyogo, 6508555 (JP).  
**KUROSAKI, Kiyomitsu** [JP/JP]; c/o ASICS CORPORATION, 1-1, Minatojima-Nakamachi 7-chome, Chuo-ku, Kobe-Shi, Hyogo, 6508555 (JP).  
**KAYANO, Toshikazu** [JP/JP]; c/o ASICS CORPORATION, 1-1, Minatojima-Nakamachi 7-chome, Chuo-ku, Kobe-Shi, Hyogo, 6508555 (JP).
- (74) **YAMAMURA, Yoshinobu**; YAMAMURA, KOEI Bldg. 2-2, Ekimae 3-chome, Ibaraki-Shi, Osaka, 5670888 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A43B 23/20, 23/02, 5/02, A43C 15/16**  
 (11) **WO 2004/093588** (13) A1  
 (21) PCT/AU2004/000519  
 (22) **21 Apr/avr 2004 (21.04.2004)**  
 (25) en (26) en  
 (30) 2003901919 **22 Apr/avr 2003** AU  
**(22.04.2003)**  
 (30) 2003903225 **24 Jun/juin 2003** AU  
**(24.06.2003)**



(30) 2003904825 **4 Sep/sep 2003** AU  
(04.09.2003)

CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(30) 2003906732 **4 Dec/déc 2003** AU  
(04.12.2003)

Declarations / Déclarations :  
(r) for the following designation / pour la  
désignation suivante : US  
(u) for / pour US only / seulement

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FOOTWEAR FOR GRIPPING AND  
KICKING A BALL  
• ARTICLE CHAUSSANT POUR ASSU-  
RER LA PREHENSION ET LA FRAPPE  
D'UN BALLON

(71, 72) HATZILIAS, Konstantinos [AU/AU];  
37 Wattle Grove, Reservoir, Victoria 3073  
(AU).

(74) ALLEN, Leon et al. / etc.; 1 Nicholson  
Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A43C 1/00, 7/00, A43B 5/00

(11) WO 2004/093589 (13) A1

(21) PCT/EP2004/001684

(22) 20 Feb/fév 2004 (20.02.2004)

(25) en (26) en

(30) PD2003A000083 **24 Apr/avr 2003** IT  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FOOTWEAR WITH A LACE FASTEN-  
ING  
• ARTICLE CHAUSSANT DOTE D'UN  
SYSTEME DE FIXATION DE LACETS

(71) TECNICA S.P.A. [IT/IT]; Via Fante d'Italia,  
56, I-31040 Giavera del Montello (IT).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) PELLEGRINI, Alfred [IT/IT]; Via delle  
Ginestre, 50, I-31044 Montebelluna (IT).

(74) FABRIS, Stefano et al. / etc.; Cantaluppi  
& Partners S.r.l., Via Matteotti, 26, I-35137  
Padova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF

(51)<sup>7</sup> A44B 18/00, B29C 55/06

(11) WO 2004/093590 (13) A1

(21) PCT/US2004/004592

(22) 17 Feb/fév 2004 (17.02.2004)

(25) en (26) en

(30) 10/396,652 **25 Mar/mar 2003** US  
(25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTIHEADED HOOK  
• CROCHET A TETES MULTIPLES

(71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3M Center, P.O. Box 33427,  
Saint Paul, MN 55133-3427 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SETH, Jayshree [US/US]; P.O. Box  
33427, St. Paul, MN 55133-3427 (US).  
AUSEN, Ronald, W. [US/US]; P.O. Box  
33427, St. Paul, MN 55133-3427 (US).  
VENNE, Janet, A. [US/US]; P.O. Box  
33427, St. Paul, MN 55133-3427 (US).

(74) BOND, William, J. et al. / etc.; Office of In-  
tellectual Property Counsel, P.O. Box 33427,  
Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> A44B 18/00

(11) WO 2004/093591 (13) A1

(21) PCT/US2004/006298

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/411,042 **10 Apr/avr 2003** US  
(10.04.2003)

(30) 10/619,048 **14 Jul/juil 2003** US  
(14.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HEAT TREATED PROFILE EXTRUDED  
HOOK  
• CROCHET EXTRUDE A PROFIL OB-  
TENU PAR UN TRAITEMENT THER-  
MIQUE

(71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3M Center, Post Office Box  
33427, Saint Paul, Minnesota 55133-3427  
(US).

(72) AUSEN, Ronald W.,; Post Office Box  
33427, Saint Paul, Minnesota 55133-3427  
(US). UNRUH, William C.,; Post Office Box  
33427, Saint Paul, Minnesota 55133-3427  
(US). MILLER, Philip; Post Office Box  
33427, Saint Paul, Minnesota 55133-3427  
(US). SETH, Jayshree; Post Office Box  
33427, Saint Paul, Minnesota 55133-3427  
(US).

(74) BOND, William, J. et al. / etc.; Office of In-  
tellectual Property Counsel, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> A44C

(11) WO 2004/093592 (13) A2

(21) PCT/US2004/007003

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 60/464,326 **21 Apr/avr 2003** US  
(21.04.2003)

- (30) 10/464,903 **18 Jun/juin 2003** US  
(18.06.2003) SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF MAKING JEWELRY INCORPORATING USED PARTS OF A MUSICAL INSTRUMENT  
• PROCEDE DE FABRICATION DE BIJOUX COMPRENANT DES PIECES USEES D'UN INSTRUMENT DE MUSIQUE
- (71) STARSTRINGS LLC [US/US]; 5701 Oakwood Road, Mission Hills, KS 66208-1143 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) COUGHLIN, Molly, M. [US/US]; 5701 Oakwood Road, Mission Hills, KS 66208 (US).
- (74) LUEBBERING, Thomas, B.; Hovey Williams LLP, 2405 Grand Boulevard, Suite 400, Kansas City, MO 64108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A45C 3/04
- (11) WO 2004/093594 (13) A1
- (21) PCT/KR2003/001277
- (22) 28 Jun/juin 2003 (28.06.2003)
- (25) ko (26) en
- (30) 10-2003-0025225 **21 Apr/avr 2003** KR  
(21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SHOPPING BAG  
• SAC A PROVISIONS
- (71, 72) YI, Chong-Kuk [KR/KR]; 105-1002 Miryung Apartment, 138 Garak 2(i)-dong, Songpa-gu, Seoul 138-807 (KR).
- (74) CHUNG, Yeon-Yong; #1203 Hyundai Topics Bldg., 44-3 Bangi-dong, Songpa-gu, Seoul 138-050 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A45B
- (11) WO 2004/093593 (13) A2
- (21) PCT/US2004/007230
- (22) 9 Mar/mar 2004 (09.03.2004)
- (25) en (26) en
- (30) 10/418,811 **17 Apr/avr 2003** US  
(17.04.2003)
- (30) 10/693,152 **23 Oct/oct 2003** US  
(23.10.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PLIABLE HANDLE  
• POIGNÉE SOUPLE
- (71) SHEDRAIN CORPORATION [US/US]; P.O. Box 55460, Portland, OR 97238-55460 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BLAUER, Jeff [US/US]; P.O. Box 55460, Portland, OR 97238 (US). BLAUER, Stan [US/US]; P.O. Box 55460, Portland, OR 97238 (US).
- (74) FIELDS, Paul et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A45C 15/00, B62K 3/00
- (11) WO 2004/093595 (13) A1
- (21) PCT/EP2004/004198
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) BO2003 U 000049 **24 Apr/avr 2003** IT  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TROLLEY TYPE CONTAINER, CONVERTIBLE INTO A SCOOTER  
• CONTENANT A ROULETTES TRANSFORMABLE EN TROTTINETTE
- (71) MINGANTI INTERNATIONAL LIMITED [IE/IE]; 20 Clanwilliam Terrace, Dublin (IE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CALDANA, Marcus [SE/IT]; Via dei Giardini 5, I-40129 Bologna (IT).
- (74) PORSIA, Attilio et al. / etc.; Succ. Ing. Fischetti & Weber, Via Caffaro, 3/2, I-16124 Genova (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A45D 34/02
- (11) WO 2004/093596 (13) A1
- (21) PCT/EP2004/004230
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) fr (26) fr
- (30) 03/04981 **23 Apr/avr 2003** FR  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SINGLE-DOSE COSMETIC SAMPLE DISPENSER  
• DISTRIBUTEUR D'ÉCHANTILLON COSMÉTIQUE MONO-DOSE
- (71) REXAM DISPENSING SMT [FR/FR]; Le Pas Fleury, F-71700 Tournus (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ROSSIGNOL, Eric [FR/FR]; 12, rue Camille Chevalier, F-71100 Châlon-sur-Saône (FR).
- (74) BUSNEL, Jean-Benoît; Howrey Simon Arnold and White, CityPoint, One Rope-maker Street, London EC2Y 9HS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A45D 34/04, 2/48
- (11) WO 2004/093597 (13) A1
- (21) PCT/JP2004/005640
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) ja (26) ja
- (30) 2003-116378 **21 Apr/avr 2003** JP  
(21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MASCARA APPLICATOR  
• APPLICATEUR DE MASCARA
- (71) KAO CORPORATION [JP/JP]; 14-10, Nihonbashi Kayaba-cho, 1-chome, Chuo-ku, Tokyo 103-8210 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKAJIMA, Takao [JP/JP]; c/o Kao Corporation, Research Laboratories, 2-1-3, Bunka, Sumida-ku, Tokyo 131-0044 (JP). FUJINAMI, Susumu [JP/JP]; c/o Kao Corporation, 2-1-3, Bunka, Sumida-ku, Tokyo 131-0044 (JP).

(74) HATORI, Osamu et al. / etc.; Akasaka HKN Bldg. 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A45F

(11) WO 2004/093598 (13) A2

(21) PCT/US2004/011852

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/414,496 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUPPORT AND METHOD OF USING THE SAME

• SUPPORT ET SON MODE D'UTILISATION

(71) KELSUS, LLC [US/US]; 5816 Ward Court, Virginia Beach, VA 23455 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LE GETTE, Brian, E. [US/US]; 250 South President Street, Baltimore, MD 21202 (US). PHELPS, William, G., Jr. [US/US]; 8427 Greenway Road, Parkville, MD 21234 (US). REEB, David, L. [US/US]; 8558 Black Star Circle, Columbia, MD 21045 (US). ROBINETTE, Walter, Paul II [US/US]; 116 West Columbus Street, Canal Winchester, OH 43110 (US). TIPP, Alan [US/US]; 6267 Woodcrest Drive, Ellicott City, MD 21043 (US). WERNER, Justin, Saul [US/US]; 245 Kilmarnock Drive, Millersville, MD 21108 (US).

(74) BROGAN, James, P.; COOLEY, GODWARD LLP - Patent Group, One Freedom Square-Reston Town Center, 11951 Freedom Drive, Reston, VA 20190-5656 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A46B 7/02, 9/02

(11) WO 2004/093599 (13) A1

(21) PCT/GB2003/001732

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • 3-IN-1 COSMETIC BRUSH SET

• JEU DE BROSSES COSMETIQUES 3 EN 1

(71) ESSENSUEL LIMITED [GB/GB]; Sunnycot, Tinnocks Lane, St. Lawrence, Southminster, Essex CM0 7NF (GB).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) CHAHAL, Parvinder, Kaur [GB/GB]; 73 Machon Bank Road, Netheredge, Sheffield, South Yorkshire S7 1PE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A46B 13/06

(11) WO 2004/093600 (13) A1

(21) PCT/US2004/003761

(22) 10 Feb/fév 2004 (10.02.2004)

(25) en (26) en

(30) 10/391,866 19 Mar/mar 2003 US (19.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WATER-OPERATED WASH BRUSH

• BROSSE DE NETTOYAGE FONCTIONNANT A L'EAU

(71) FAIP NORTH AMERICA INC. [US/US]; 1825 Greenlead, Elk Grove Village, Illinois 60007 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALEXANDER, Gus [US/US]; 11 Woodview Lane, Inverness, Illinois 60067 (US).

(74) SCHLEMMER, Dennis, R.; LEYDIG, VOIT & MAYER, LTD., Two Prudential Plaza, Suite 4900, 180 N. Stetson Av., Chicago, Illinois 60601-6780 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> A47B

(11) WO 2004/093601 (13) A2

(21) PCT/US2003/041736

(22) 30 Dec/déc 2003 (30.12.2003)

(25) en (26) en

(30) 10/401,514 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ADJUSTABLE CHAIR

• FAUTEUIL REGLABLE

(63) US 10/401,514 (CON) 28 Mar/mar 2003 (28.03.2003)

(71) HANSSEM CO., LTD. [KR/KR]; Hanssem Bldg., 757-1 Bangbae-Dong, Socho-Ku, Seoul 137-060 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHADWICK, Donald [US/US]; 2050 Broadway, Santa Monica, CA 90404 (US). ROMERO, Francisco [US/US]; 2050 Broadway, Santa Monica, CA 90404 (US).

(74) BASSETT, Janene, P. et al. / etc.; Sheppard Mullin Richter & Hampton LLP, 333 South Hope Street, 48th Floor, Los Angeles, CA 90071 (US).

(81) CN JP KR US.

(51)<sup>7</sup> A47B

(11) WO 2004/093602 (13) A2

(21) PCT/US2004/012555

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,699 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STACKABLE BLOW MOLDED CABINET

• ARMOIRE EMPILABLE FABRIQUEE PAR EXTRUSION-SOUFFLAGE

(71) JOHN D. BRUSH & CO., INC. [US/US]; 900 Linden Avenue, Rochester, NY 14625 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLEVELAND, Terri, P. [US/US]; 16815 Creek Road, Holley, NY 14470 (US). RHINEWALD, Richard, J. [US/US]; 2404 Cornwall Drive, Macedon, NY 14502 (US). NICHOL, Douglas, O. [US/US]; 2200 Church Street, Walworth, NY 14568 (US). LEWIS, David [US/US]; 134 Hampton

- Way, Penfield, NY 14526 (US). **NOWICKY, David, A.** [US/US]; 12 North Passage, Fairport, NY 14450 (US). **RACE, Philip, B.** [US/US]; 3234 Hance Road, Macedon, NY 14502 (US). **SHAFFER, Douglas, E.** [US/US]; 1393 Mosley Road, Victor, NY 14564 (US). **WILDMAN, Kelvin, H.** [US/US]; 1167 Bragg Street, Honeoye Falls, NY 14472 (US). **LYNCH, Peter, F.** [US/US]; County Line Road, P.O. Box 373, Skaneateles, NY 13152 (US). **OSIECKI, Scott, W.** [US/US]; 47 East Street, Skaneateles, NY 13152 (US). **ABERNETHY, Todd, B.** [US/US]; 3325 Kane Avenue, Skaneateles, NY 13152 (US).
- (74) **DANELLA, Dennis, B.**; Jaecle Fleischmann & Mugel, LLP, 39 State Street, Suite 200, Rochester, NY 14614-1310 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A47B 47/00, 87/02**
- (11) **WO 2004/093603** (13) A1
- (21) PCT/CH2004/000238
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) de (26) de
- (30) 712/03 **22 Apr/avr 2003 CH (22.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **CONNECTING ELEMENT AND FRAME SYSTEM**
- **ELEMENT DE LIAISON ET SYSTEME DE BATI**
- (71) **DUCO AG SWITZERLAND** [CH/CH]; Ruchwiesenstrasse 8, CH-8157 Dielsdorf (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **EGLI, Rolf** [CH/CH]; Leigruppenstrasse 33, CH-8932 Mettmenstetten (CH).
- (74) **FREI PATENTANWALTSBÜRO**; Postfach 768, CH-8029 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)  
Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **A47C 7/70**
- (11) **WO 2004/093605** (13) A1
- (21) PCT/US2004/011588
- (22) **15 Apr/avr 2004 (15.04.2004)**
- (25) en (26) en
- (30) 10/417,561 **17 Apr/avr 2003 US (17.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **RETRACTABLE WORK SURFACE FOR A CHAIR**
- **SURFACE DE TRAVAIL ESCAMOTABLE DESTINEE A EQUIPER UN SIEGE**
- (71) **L & P PROPERTY MANAGEMENT COMPANY** [US/US]; 4095 Firestone Boulevard, South Gate, CA 90280 (US).
- (72) **TORNERO, Marta**; 805 Seven Oaks Drive, Greensboro, NC 27410 (US). **JOHNSON, LeRoy**; 2696 Timpson Avenue, Lowell, MI 49931 (US).
- (74) **STROHM, Scott, B. et al. / etc.**; Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, MO 64108-2613 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A47C 23/04**
- (11) **WO 2004/093606** (13) A1
- (21) PCT/US2004/005141
- (22) **19 Feb/fév 2004 (19.02.2004)**
- (25) en (26) en
- (30) 10/402,612 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **UNITIZED THERMOPLASTIC FOAM STRUCTURES**
- **STRUCTURES EN MOUSSE THERMOPLASTIQUE UNITAIRES**
- (71) **SEALY TECHNOLOGY LLC** [US/US]; One Office Parkway, Trinity, NC 27370 (US).
- (72) **BARMAN, Bruce, G.**; 103 Staunton Drive, Greensboro, NC 27410 (US). **DEMOSS, Larry**; 3204 Peninsula Drive, Jamestown, NC 27282 (US).
- (74) **SCOTT, James, C.**; Roetzel & Andress, 1375 East 9th Street, One Cleveland Center, 9th Floor, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A47D**
- (11) **WO 2004/093607** (13) A2
- (21) PCT/US2004/012405
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 60/464,803 **22 Apr/avr 2003 US (22.04.2003)**
- (30) 60/524,111 **19 Nov/nov 2003 US (19.11.2003)**
- (30) 10/778,279 **13 Feb/fév 2004 US (13.02.2004)**

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CHILD SEATING APPARATUS  
• ENSEMBLE SIEGE POUR ENFANTS
- (71, 72) DICKINSON, Rebekah [US/US]; 8505 Caney Creek Landing, Alpharetta, GA 30005 (US).
- (74) PATEL, Ashish; Myers & Kaplan, Intellectual Property Law, LLC, 1899 Powers Ferry Road, Suite 310, Atlanta, GA 30339 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (51)<sup>7</sup> A47D 13/02
- (11) WO 2004/093608 (13) A1
- (21) PCT/JP2004/005221
- (22) 12 Apr/avr 2004 (12.04.2004)
- (25) ja (26) ja
- (30) 2003-113519 18 Apr/avr 2003 JP (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SEAT FOR CHILDCARE EQUIPMENT  
• SIEGE POUR EQUIPEMENT DE PUE-RICULTURE

- (71) APRICA KASSAI KABUSHIKIKAIISHA [JP/JP]; 13-13, Shimanouchi 1-chome Chuo-ku, Osaka-shi 5420082 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KASSAI, Kenzou [JP/JP]; 14-9, Higashishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 5420083 (JP). OHNISHI, Ichiro [JP/JP]; c/o Aprica Kassai Kabushikikaisha 13-13, Shimanouchi 1-chome, Chuo-ku, Osaka-shi, Osaka 5420082 (JP).
- (74) ITOH, Hidehiko et al. / etc.; IMY International Patent Office Kyowa Shimanouchi Bldg., 21-19 Shimanouchi 1-chome, Chuo-ku, Osaka-shi, Osaka 5420082 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A47G
- (11) WO 2004/093609 (13) A2
- (21) PCT/US2004/012073
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 60/464,078 18 Apr/avr 2003 US (18.04.2003)
- (30) 10/825,863 16 Apr/avr 2004 US (16.04.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BREAD IMPALING COOKING UTENSIL  
• USTENSILE DE CUISINE SERVANT A CREUSER UN MORCEAU DE PAIN
- (71, 72) SCHMANSKI, Donald [US/US]; 6166 Laurelwood, Reno, NV 89509 (US).
- (74) NORTH, Vaughn, W. et al. / etc.; Thorpe, North & Western, LLP, P.O. Box 1219, Sandy, UT 84091-1219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A47G
- (11) WO 2004/093610 (13) A2
- (21) PCT/US2004/006856
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) en (26) en
- (30) 10/412,873 15 Apr/avr 2003 US (15.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SLEEP APNEA AVOIDANCE PROCESS & APPARATUS  
• PROCEDE ET DISPOSITIF DESTINES A EMPECHER L'APNEE DU SOMMEIL

- (71, 72) ZUBERI, Najeeb [US/US]; 391 Augustine Court, Oviedo, FL 32765 (US).
- (74) HOBBY, William, M., III; 157 E. New England Avenue #375, Winter Park, FL 32789 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A47G 1/14
- (11) WO 2004/093611 (13) A1
- (21) PCT/US2004/004375
- (22) 13 Feb/fév 2004 (13.02.2004)
- (25) en (26) en
- (30) 10/393,221 20 Mar/mar 2003 US (20.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PHOTO DISPLAY SYSTEM WITH POWERED BACKLIGHTING  
• SYSTEME DE PRESENTATION DE PHOTOGRAPHIES A RETROECLAIRAGE ELECTRIQUE

- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MILLER, Alan G., [US/US]; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

- (74) FLORCZAK, Yen T., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> A47G 7/04, 7/06, 7/07, 7/00
- (11) WO 2004/093612 (13) A1
- (21) PCT/KR2003/000827
- (22) 24 Apr/avr 2003 (24.04.2003)
- (25) en (26) en
- (30) 20-2003-0012288 21 Apr/avr 2003 KR (21.04.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● FLOWER POT HANGER  
● SUSPENSION POUR POT DE FLEURS
- (71, 72) JO, Yong Kwon [KR/KR]; 525-7, Song-ri, Dongtan-myeon, Hwasong-shi, Gyeonggi-do 445-812 (KR).
- (74) HAN, Sang-Hyuk; Dugyu B/D 2F., 943-14 Daechi-dong, Kangnam-gu, Seoul 135-845 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A47G 9/10
- (11) WO 2004/093613 (13) A1
- (21) PCT/KR2003/001141
- (22) 10 Jun/juin 2003 (10.06.2003)
- (25) ko (26) en
- (30) 20-2003-0012335 22 Apr/avr 2003 KR (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● CONTROL APPARATUS FOR PILLOW HAVING SOUND-TO-VIBRATION CONVERTER  
● DISPOSITIF DE COMMANDE POUR COUSSIN COMPRENANT UN CONVERTISSEUR SON A VIBRATIONS
- (71) TWINSAYER CO., LTD. [KR/KR]; 1185 Siksa-Dong, Ilsan-Gu, 411-821 Goyang, Gyeonggi (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOH, Sou Young [KR/KR]; 303-1603 Taeyoung Apartment, Imae-Dong, Bundang-Gu, 463-060 Sungnam, Gyeonggi (KR).
- (74) PARK, Sungmin; Suite 2010 Sungji Heights No. 1, 702-13 Yoksam-Dong, Gangnam-Gu, Seoul 135-917 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A47G 25/28
- (11) WO 2004/093614 (13) A1
- (21) PCT/GB2004/001710
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 0309236.8 23 Apr/avr 2003 GB (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● GARMENT HANGER  
● CINTRE
- (71) BRAITRIM (UK) LIMITED [GB/GB]; Braitrim House, 98 Victoria Road, London NW10 6NB (GB).  
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- (72, 75) HUNT, William, L. [GB/GB]; 13 West Ridge, Bourne End, Buckinghamshire SL8 55BU (GB). HUNT, William, J. [GB/GB]; Farm Cottage, Park Road, Stoke Poges, Buckinghamshire SL2 4PG (GB).
- (74) WANT, Clifford, J. et al. / etc.; Harrison Goddard Foote, 40-43 Chancery Lane, London WC2A 1JA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A47J
- (11) WO 2004/093615 (13) A2
- (21) PCT/US2004/011741
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 60/463,307 16 Apr/avr 2003 US (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● ADJUSTABLE GRINDER  
● MOULIN REGLABLE
- (71) BUNN-O-MATIC CORPORATION [US/US]; 1400 Stevenson Drive, Springfield, IL 62703 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANSON, James, H. [US/US]; #3 Edgewood Knolls, Auburn, IL 62615 (US).
- (74) PETERS, Grant, H. et al. / etc.; Barnes & Thornburg LLP, P.O. Box 2786, Chicago, IL 60690-2786 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> A47J
- (11) WO 2004/093616 (13) A2
- (21) PCT/US2004/012148
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 10/419,552 21 Apr/avr 2003 US (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● CUTING BOARD FOR FOOD PRODUCTS  
● PLANCHE A DECOUPER POUR DENREES ALIMENTAIRES
- (71, 72) JOHNSON, Tony, A. [US/US]; 1555 Highway 48, Frederic, WI 54837 (US).
- (72, 75) JOHNSON, Wayne, R. [US/US]; c/o Tony A. JOHNSON, 1555 Highway 48, Frederic, WI 54837 (US).
- (74) ULBRICH, Scott, G. et al. / etc.; Patterson, Thunte, Skaar, & Christensen, P.A., 4800 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2100 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47J  
(11) WO 2004/093617 (13) A2  
(21) PCT/US2004/012250  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 10/420,292 22 Apr/avr 2003 US  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • TILTABLE KNIFE HOLDER  
• PORTE COUTEAU DE TABLE TIOL  
(71) LIFETIME HOAN CORPORATION [US/US]; One Merrick Road, Westbury, NY 11599 (US).  
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(72, 75) SIEGEL, Jeffrey [US/US]; 35 Split Rock Drive, Kings Point, NY 11204 (US).  
REICHENBACH, Robert [US/US]; 41 Crane Road, Scarsdale, NY 10583 (US).

(74) SZUWALSKI, Andre, M.; 1445 Ross Avenue, Suite 3200, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47J  
(11) WO 2004/093618 (13) A2  
(21) PCT/US2004/007627  
(22) 12 Mar/mar 2004 (12.03.2004)  
(25) en (26) en  
(30) 10/411,633 11 Apr/avr 2003 US  
(11.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • THEMED EATING UTENSILS  
• COUVERTS A THEME  
(71) PACTIV CORPORATION [US/US]; 1900 W. Field Court, Lake Forest, IL 60045 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TRANFAGLIA, Christina, M. [US/US]; 2305 Robincrest Lane, Glenview, IL 60025 (US). ROBERTS, Jeffrey, L. [US/US]; 824 Waterview Dr., Round Lake Park, IL 60073 (US). LOPATA, Mitchell, A. [US/US]; 9213 Kilbourn Ave., Skokie, IL 60076 (US). BARNARD, David, E. [US/US]; 2011 Goodrich Ave., Suite 101, St. Paul, MN 55105 (US). NELPOVICH, Richard, A. [US/US]; 2706 Commercial Ave., Madison, WI 53704 (US). BOUDREAU, Cory, R. [US/US]; 4309 Odana Road, Madison, WI 53711 (US). VERHALEN, Ami, M. [US/US]; 650 N. Bird Street, Sun Prairie, WI 53590 (US).

(74) HULSEBERG, Daniel, J. et al. / etc.; Winston & Strawn LLP, Patent Department, 1400 L Street, N.W., Washington, D.C. 20005-3502 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :  
(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A47J 31/32  
(11) WO 2004/093619 (13) A1  
(21) PCT/EP2004/050556  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) PN2003A000028 23 Apr/avr 2003 IT  
(23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • BEVERAGE BREWING DEVICE  
• DISPOSITIF DE BRASSAGE DE BOISSONS  
(71) WITTENBORG A/S [DK/DK]; Seeblads-gade 1-3, DK-5000 Odense C (DK).  
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(72, 75) VAN HATTEM, Jan Cornelis [NL/NL]; Utrechtsestraatweg 63, NL-3958 BN Amerongen (NL). DE REUS, Robert Francis [NL/NL]; Schalmei 13, NL-6904 PZ Zavenaar (NL).

(74) GIUGNI, Valter; PROPRIA S.r.l., Via Mazzini, 13, I-33170 Pordenone (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A47J 36/04  
(11) WO 2004/093620 (13) A1  
(21) PCT/KR2004/000863  
(22) 14 Apr/avr 2004 (14.04.2004)  
(25) en (26) en  
(30) 10-2003-0025827 23 Apr/avr 2003 KR  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • MULTI-COOKER HAVING INNER CONTAINER FORMED OF HEAT RESISTANT CERAMIC MATERIAL

• APPAREIL DE CUISSON POLYVALENT COMPORTANT UN CONTENANT INTERIEUR EN MATERIAU CERAMIQUE RESISTANT A LA CHALEUR

(71, 72) YU, Jae Il [KR/KR]; Na-306, Hanwoo APT, 100-10, Chimsan 2-dong, Buk-gu, Daegu-city 702-855 (KR).

(74) HAN, Sang Hyuk; Dugyu B/D 2F, 943-14 Daechi-dong, Kangnam-gu, Seoul 135-845 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A47J 37/04, 43/18  
(11) WO 2004/093621 (13) A1  
(21) PCT/US2004/007623  
(22) 12 Mar/mar 2004 (12.03.2004)  
(25) en (26) en  
(30) 10/400,988 26 Mar/mar 2003 US  
(26.03.2003)  
(30) 10/727,364 3 Dec/déc 2003 US  
(03.12.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FOWL STEAMER/SMOKER GRILLING DEVICE  
• DISPOSITIF DE GRILLADE A ETUVEUR/FUMOIR DE VOLAILLE

(71, 72) CITRYNELL, Andrew [US/US]; 264 Sunrise Lane, Carbondale, Colorado 81623 (US). MILLER, Kimberly, Ann [US/US]; 264 Sunrise Lane, Carbondale, Colorado 81623 (US).

(74) GIBBY, Darin, J. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, California 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A47J 37/07, 37/06

(11) WO 2004/093622 (13) A2

(21) PCT/CA2004/000600

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/422,527 24 Apr/avr 2003 US  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-PURPOSE STOVETOP  
GRILLING AND COOKING DEVICE

• DISPOSITIF DE CUISSON ET DE  
GRILLADE MULTIFONCTIONS DES-  
TINE A ETRE UTILISE SUR UNE  
CUISINIERE

(71) 3844374 CANADA INC. [CA/CA]; 5499  
Robert Burns, Suite 208, Montréal, Québec  
H4W 2B4 (CA).

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(72, 75) CORNFIELD, Randall [CA/CA]; 5516  
Ashdale, Montreal, Québec H4W 3G4 (CA).

(74) TESSIER, Louis; P.O. Box 54029, Town of  
Mount Royal, Québec, H3P 3H4 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A47K

(11) WO 2004/093623 (13) A2

(21) PCT/US2004/006934

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/402,550 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REVERSE BUCKLING SANITARY  
RUPTURE DISC ASSEMBLY

• ENSEMBLE DE DISQUE DE RUPTURE  
SANTAIRE A FLAMBAGE INVERSE

(71) FIKE CORPORATION [US/US]; 704  
South 10th Street, Blue Springs, MO 64013  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KREBILL, Michael, D. [US/US]; 7337  
Richmond Avenue, Kansas City, MO 64158  
(US). MILLER, E., Dean [US/US]; 1200  
NE Coronado Ct., Lee's Summit, MO 64086  
(US).

(74) WILLIAMS, Warren, N.; Hovey Williams  
LLP, Suite 400, 2405 Grand Boulevard,  
Kansas City, MO 64108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A47K 1/14, E03C 1/232

(11) WO 2004/093624 (13) A1

(21) PCT/EP2004/004254

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) MI2003A000837 23 Apr/avr 2003 IT  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AUTOMATIC SAFETY DRAIN PLUG

• BONDE DE VIDANGE AUTOMA-  
TIQUE

(71) AMERICAN STANDARD EUROPE  
B.V.B.A. [BE/BE]; 1789, Chaussee de Wavre,  
B-1160 Bruxelles (BE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SADLER, Marc, Jean, Jacques  
[FR/IT]; 97, Via Savona, I-20144 Milano  
(IT).

(74) CORRADINI, Corrado et al. / etc.; Via  
Dante Alighieri, 4, I-42100 Reggio Emilia  
(IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK

TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> A47K 3/28, E03D 9/00, A47K 5/12, B05B  
3/02

(11) WO 2004/093625 (13) A1

(21) PCT/US2004/011815

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,793 18 Apr/avr 2003 US  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BOTTLE ADAPTER FOR DISPENSING  
OF CLEANSER FROM BOTTLE USED  
IN AN AUTOMATED CLEANSING  
SPRAYER

• ADAPTATEUR POUR BOUTEILLES  
DESTINE A DISTRIBUER UN DE-  
TERGENT CONTENU DANS LA  
BOUTEILLE ET UTILISE DANS UN  
PULVERISATEUR DE NETTOYAGE  
AUTOMATIQUE

(71) S. C. JOHNSON & SON, INC. [US/US];  
1525 Howe Street, Racine, WI 53403 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LEIFHEIT, David, H. [US/US]; 1840  
Brandon Lane, Racine, WI 53406 (US). KO-  
VARA, Terry, M. [US/US]; 5210 Lilac Lane,  
Racine, WI 53406 (US). NEUMANN, Pe-  
ter, M. [US/US]; 2038 N. Green Bay Road,  
Racine, WI 53405 (US). MAZOOJI, Amber,  
N., D. [US/US]; 4305 Erie Street, Apt. 507,  
Racine, WI 53402 (US).

(74) MEIER, Linda, Blair; S. c. Johnson & Son,  
Inc., 1525 Howe Street, Racine, WI 53403  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A47K 5/06

(11) WO 2004/093626 (13) A1

(21) PCT/KR2004/000916



- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ko (26) en
- (30) 20-2003-0012179 21 Apr/avr 2003 KR  
(21.04.2003)
- (30) 20-2004-0009480 7 Apr/avr 2004 KR  
(07.04.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SOAP CASE  
• BOITE A SAVON
- (71, 72) SONG, Hyung Taek [KR/KR]; 117-905, Saemmaeul APT, 1121 Hogye-dong, Dong-gan-gu, Annyang-si, Gyeonggi-do 431-080 (KR).
- (74) CHO, Sang Kyun; 402 Daimyung Building 746-22, Yeoksam-dong, Kangnam-ku, Seoul 135-925 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A47K 10/16, 10/18, 10/38
- (11) WO 2004/093627 (13) A1
- (21) PCT/GB2004/001653
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en (26) en
- (30) 0308841.6 16 Apr/avr 2003 GB  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMPROVEMENTS IN CONVENIENCE ROLLS  
• AMELIORATIONS APORTEES A DES ROULEAUX DE PRODUIT DE CONSOMMATION COURANTE
- (71, 72) ABBOSH, Oday [GB/GB]; 38 Blenheim Terrace, St John's Wood, London NW8 0EG (GB).
- (72, 75) DRYBURGH, Ian, Hamilton [GB/GB]; Long Cottage, Woodman Lane, Sparsholt, Hampshire SO21 2NS (GB). LAWSON, Nigel [GB/GB]; 1 Rose Cottage, Goathurst Common, Idehill, Sevenoaks, Kent TN14 6DA (GB).
- (74) PENDERED, Timothy, George et al. / etc.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A47K 10/42
- (11) WO 2004/093628 (13) A1
- (21) PCT/US2004/002631
- (22) 30 Jan/jan 2004 (30.01.2004)
- (25) en (26) en
- (30) 60/463,212 16 Apr/avr 2003 US  
(16.04.2003)
- (30) 10/657,621 8 Sep/sep 2003 US  
(08.09.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CONTAINER AND CARTRIDGE FOR DISPENSING PAPER PRODUCTS  
• BOITE ET CARTOUCHE DE DISTRIBUTION DE PRODUITS DE PAPIER
- (71) KIMBERLY-CLARK WORLDWIDE INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SANDERS, Richard, Lee [US/US]; 5 Knoll Cutoff, Hattiesburg, MS 39402 (US). LEE, James, J. [US/US]; 100 Rogers Road, Hattiesburg, MS 39401 (US).
- (74) SHANE, Richard, M. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake Street, Neenah, WI 54956 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A47L
- (11) WO 2004/093630 (13) A2
- (21) PCT/US2004/003085
- (22) 3 Feb/fév 2004 (03.02.2004)
- (25) en (26) en
- (30) 10/410,004 9 Apr/avr 2003 US  
(09.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VACUUM CLEANER CORD MANAGEMENT SYSTEM  
• SYSTEME DE GESTION DE CORDON D'ASPIRATEUR
- (71) ORECK HOLDINGS LLC [US/US]; C/O CT CORPORATION SYSTEMS, 1720 Carey Avenue, Cheyenne, Wyoming 82001 (US).
- (72) MORGAN, Charles, Jeff; P.O. Box 34, Long Beach, Mississippi 39560 (US). PATTERSON, Christopher, M.; 243 Rue Petit Bois, Biloxi, Mississippi 39531 (US). IRBY, Steven, Philip; 13224 Old Highway 49, Gulfport, Mississippi 39503 (US). MOSHENROSE, Paul, A.; 4108 Groveland Rd., Ocean Springs, Mississippi 39564 (US).
- (74) OLLILA, Curtis, J. et al. / etc.; DUFT SETTER OLLILA & BORNSEN LLC, 2060 Broadway, Suite 300, Boulder, Colorado 80302 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> A47L 9/16

(11) WO 2004/093631 (13) A1

(21) PCT/EP2004/004291

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 203 06 405.4 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • REMOVABLE DUST COLLECTING  
RECEPTACLE  
• RECIPIENT COLLECTEUR DE POUSSIERE  
AMOVIBLE

(71) BSH BOSCH UND SIEMENS HAUS-  
GERÄTE GMBH [DE/DE]; Carl-Wery-Str.  
34, 81739 München (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KLEINHENZ, Albert [DE/DE]; Auer-  
hahn 12, 97659 Burgwallbach (DE). BÖCK,  
Armin [DE/DE]; Stockgasse 1, 97633  
Grossbardorf (DE). KRAMMER, Michael  
[DE/DE]; Seeweg 8, 97659 Burgwallbach  
(DE).

(74) BSH BOSCH UND SIEMENS HAUS-  
GERÄTE GMBH; Carl-Wery-Str. 34,  
81739 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DK DM DZ EC EE EG ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ  
UA UG UZ VC VN YU ZA ZM ZW AP (BW GH  
GM KE LS MW MZ SD SL SZ TZ UG ZM ZW)  
EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT  
BE BG CH CY CZ DE DK EE ES FI FR GB GR  
HU IE IT LU MC NL PL PT RO SE SI SK TR) OA  
(BF BJ CF CG CI CM GA GN GQ GW ML MR  
NE SN TD TG)

(51)<sup>7</sup> A61B

(11) WO 2004/093632 (13) A2

(21) PCT/IB2004/001241

(22) 23 Apr/avr 2004 (23.04.2004)

(25) es (26) es

(30) SP-03-4566 24 Apr/avr 2003 EC  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • NON-ABSORBABLE SURGICAL  
THREADS LABELLED WITH A RA-  
DIOPAQUE MATERIAL  
• FILS CHIRURGICAUX NON ABSOR-  
BABLES MARQUES A L'AIDE D'UN  
PRODUIT RADIOPAQUE

(71, 72) TREVIÑO SCHWARZ, José [EC/EC];  
Nuño de Valderrama 228, Dpto. 41, Quito  
(EC).

(74) MANDAKOVIC FALCONI, Sasha; Av.  
Amazonas 477 y Roca, Ed. Río Amazonas,  
of. 900, Quito (EC).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

**Declarations / Déclarations :**

(r) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW

GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A61B

(11) WO 2004/093633 (13) A2

(21) PCT/IL2004/000306

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/422,091 24 Apr/avr 2003 US  
(24.04.2003)

(30) 10/766,861 30 Jan/jan 2004 US  
(30.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • INGESTIBLE GASTROINTESTINAL  
DEVICE  
• DISPOSITIF GASTRO-INTESTINAL  
INGERABLE

(71, 72) LEVY, Mark M. [IL/IL]; 34 Etzion  
Street, RaAnana, 43 563 (IL).

(74) G.E. EHRlich (1995) LTD.; 11 Men-  
achem Begin Street, Ramat Gan, 52 521 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093634 (13) A2

(21) PCT/US2004/011283

(22) 12 Apr/avr 2004 (12.04.2004)

(25) en (26) en

(30) 60/464,322 21 Apr/avr 2003 US  
(21.04.2003)

(30) 60/471,115 16 May/mai 2003 US  
(16.05.2003)

(30) 60/498,343 26 Aug/août 2003 US  
(26.08.2003)

(30) 10/667,095 18 Sep/sep 2003 US  
(18.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • ROTARY APPARATUS FOR GRAFT-  
ING AND COLLECTING BONE  
• APPAREIL ROTATIF POUR GREFFE  
ET COLLECTE D'OS

(71, 72) MELLER, Moshe [IL/US]; 150 Colum-  
bus Avenue, Apt. 23C, New York, NY 10023  
(US).

- (74) **MICHAL, Robert, P.** et al. / etc.; Frishauf, Holtz, Goodman & Chick, P.C., 767 Third Avenue - 25th Floor, New York, NY 10017-2023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A61B**  
 (11) **WO 2004/093635** (13) A2  
 (21) PCT/US2004/011303  
 (22) **13 Apr/avr 2004 (13.04.2004)**  
 (25) en (26) en  
 (30) 10/418,187 **16 Apr/avr 2003** US (16.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **METHOD AND APPARATUS FOR COLLECTING AND PROCESSING PHYSICAL SPACE DATA FOR USE WHILE PERFORMING IMAGE-GUIDED SURGERY**  
 • **PROCEDE ET APPAREIL DESTINES A LA COLLECTE ET AU TRAITEMENT DE DONNEES SPATIALES PHYSIQUES UTILISABLES EN COURS DE CHIRURGIE GUIDEE PAR L'IMAGE**
- (71) **VANDERBILT UNIVERSITY** [US/US]; 305 Kirkland Hall, Nashville, TN 37240 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **GALLOWAY, Robert, L., Jr.**; 4509 Heath Road, Nashville, TN 37221 (US). **CHAPMAN, William, C.**; 415 Ellendale Avenue, Nashville, TN 37205 (US). **STEFANSIC, James, D.**; 2107 Acklen Avenue, Apt. 7, Nashville, TN 37212 (US). **HERLINE, Alan, J.**; 4922 Salem Drive, Nashville, TN 37211 (US). **MIGA, Michael, I.**; 3013 Helmsdale Lane, Franklin, TN 37069 (US). **CASH, David, M.**; 2107 Acklen Avenue, Apt. 7, Nashville, TN 37212 (US). **SINHA, Tuhin, K.**; 2008 Convent Place, Nashville, TN 37212 (US).
- (74) **JABLON, Clark, A.** et al. / etc.; Akin Gump Strauss Hauer & Feld LLP, Suite 2200, One Commerce Square, 2005 Market Street, Philadelphia, PA 19103-7086 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61B**  
 (11) **WO 2004/093637** (13) A2  
 (21) PCT/US2004/011441  
 (22) **14 Apr/avr 2004 (14.04.2004)**  
 (25) en (26) en  
 (30) 60/463,814 **17 Apr/avr 2003** US (17.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **TOOL WITH DEPLOYABLE CUTTING BLADE**  
 • **OUTIL A LAME DE COUPE POUVANT ETRE DEPLOYEE**
- (71) **SECANT MEDICAL, LLC** [US/US]; P.O. Box 275, 700 Park Avenue, Perkaskie, PA 18944 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A61B**  
 (11) **WO 2004/093636** (13) A2  
 (21) PCT/US2004/011348  
 (22) **13 Apr/avr 2004 (13.04.2004)**  
 (25) en (26) en  
 (30) 60/463,646 **17 Apr/avr 2003** US (17.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **PLASMA C5a LEVELS AS AN INDICATOR OF ASTHMA SEVERITY**  
 • **NIVEAUX DE C5<SB>A</SB> PLASMATIQUES UTILISES COMME INDICATEURS DE L'INDICE DE GRAVITE DE L'ASTHME**
- (71, 72) **JOKS, Rauno** [US/US]; 74 Crescent Beach Road, Glen Cove, NY 11542 (US). **DREW, Hazel, P.** [US/US]; 137-40 233rd Street, Laurelton, NY 11422 (US). **CASTRO, Myrelle, B.** [PH/US]; 371 95th Street, Apt. 3k, Brooklyn, NY 11205 (US). **MATHUR, Nandita** [IN/US]; 375 3rd Street, Apt. 6B, Brooklyn, NY 11215 (US).
- (74) **GROLZ, Edward, W.**; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A61B**  
 (11) **WO 2004/093638** (13) A2  
 (21) PCT/US2004/011768  
 (22) **16 Apr/avr 2004 (16.04.2004)**  
 (25) en (26) en  
 (30) 10/418,663 **17 Apr/avr 2003** US (17.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **METHODS FOR REDUCTION OF PRESSURE EFFECTS OF CARDIAC TRICUSPID VALVE REGURGITATION**  
 • **METHODES DE DIMINUTION DES EFFETS DE LA PRESSION D'UNE REGURGITATION VALVULAIRE TRICUSPIDE CARDIAQUE**
- (71, 72) **MCCARTHY, Patrick M.** [US/US]; 45002 Falls Road, Hunting Valley, OH 44022 (US). **QUILJANO, Rodolfo C.** [US/US]; 27451 Lost Trail Drive, Laguna Hills, California 92618 (US).
- (74) **MICHELLE, C. Kim**; JONES DAY, 555 West Fifth Street, Suite 4600, Los Angeles, California 90013-1025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A61B**  
 (11) **WO 2004/093639** (13) A2  
 (21) PCT/US2004/011791  
 (22) **16 Apr/avr 2004 (16.04.2004)**  
 (25) en (26) en

- (30) 10/417,790 **16 Apr/avr 2003** US  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND DEVICES FOR MODIFYING THE FUNCTION OF A BODY ORGAN  
• PROCEDE ET DISPOSITIFS POUVANT MODIFIER LA FONCTION D'UN ORGANISME CORPOREL
- (71) SATIETY, INC. [US/US]; 2470 Embarcadero Way, Palo Alto, CA 94303-3313 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GANNOE, **Jamy** [US/US]; 935 Sherman Avenue, Menlo Park, CA 94025 (US). WELER, **Gary** [US/US]; 15570 El Gato Lane, Los Gatos, CA 95032 (US). SUTTON, **Douglas, S.** [US/US]; 1595 Adobe Drive, Pacifica, CA 94044 (US). GERBI, **Craig** [US/US]; 515 Villa Street, Mountain View, CA 94041 (US).
- (74) NAGY, **John, S.**; Fulwider . Patton, Howard Hughes Center, 6060 Center Drive, Tenth Floor, Los Angeles, CA 90045 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61B  
(11) WO 2004/093641 (13) A2  
(21) PCT/US2004/011845  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,557 **16 Apr/avr 2003** US  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ACOUSTIC BLOOD ANALYZER FOR ASSESSING BLOOD PROPERTIES  
• ANALYSEUR ACOUSTIQUE DU SANG POUR EVALUER LES PROPRIETES DU SANG
- (71) DREXEL UNIVERSITY [US/US]; 32nd and Chestnut Streets, Philadelphia, PA 19104 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEC, **Ryszard, M.** [US/US]; 8424 Shawnee Street, Philadelphia, PA 19118 (US). KRESH, **Yasha, J.** [US/US]; 816 Edgewood Road, Yardley, PA 19067 (US). WOITTON, **David, M.** [US/US]; 3007 Fox Lane, Philadelphia, PA 19144 (US).
- (74) LICATA, **Jane, Massey et al.** / etc.; Licata & Tyrrell P.C., 66 East Main Street, Marlton, NJ 08053 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B  
(11) WO 2004/093640 (13) A2  
(21) PCT/US2004/011834  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 10/417,825 **17 Apr/avr 2003** US  
(17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • LOAD SENSING APPLANATION TONOMETER  
• TONOMETRE PAR APLANATION A DETECTION DE CHARGE
- (71) J. D. MUELLER COMPANY, L.L.C. [US/US]; 4982 Covey Trace, Cincinnati, OH 45244 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DAVIDSON, **Jeffery, C.** [US/US]; 1820 Antioch Road, P.O. Box 77, Hamersville, OH 45130 (US).
- (74) BURGER, **Thomas, J. et al.** / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
- (MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERGETHON, **Peter** [US/US]; 5 Bretton Road, Dover, MA 02030 (US).
- (74) MEIKLEJOHN, **Anita, L.**; Fish & Rickardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61B  
(11) WO 2004/093643 (13) A2  
(21) PCT/US2004/011861  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,505 **16 Apr/avr 2003** US  
(16.04.2003)
- (30) 60/545,127 **17 Feb/fév 2004** US  
(17.02.2004)
- (30) 60/546,233 **20 Feb/fév 2004** US  
(20.02.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MAGNETICALLY CONTROLLABLE DRUG AND GENE DELIVERY STENTS  
• DISPOSITIFS A COMMANDE MAGNETIQUE DE DISTRIBUTION DE MEDICAMENTS ET DE GENES
- (71) THE CHILDREN'S HOSPITAL OF PHILADELPHIA [US/US]; 34th Street and Civic Center Boulevard, Philadelphia, PA 19104 (US). DREXEL UNIVERSITY [US/US]; 3141 Chestnut Street, Philadelphia, PA 19104 (US).  
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- (72, 75) LEVY, **Robert, J.** [US/US]; 440 Merion Road, Merion Station, PA 19066 (US). CHORNY, **Michael** [IL/US]; 219 Lockart Tr., 1st Flr., Philadelphia, PA 19116 (US). FISHBEIN, **Ilia** [IL/US]; 450 Byberry Road, #T-21, Philadelphia, PA 19116 (US). ALFERIEV, **Ivan** [RU/US]; 1341 Blackwood Clementon Road, #963, Clementon, NJ 08021 (US). FRIEDMAN, **Gennady** [US/US]; 5 Dartmouth Lane, Richboro, PA 18954 (US). BARBEE, **Kenneth, A.** [US/US]; 7022 Boyer Street, Philadelphia, PA 19119 (US). YELLEN, **Benjamin, B.** [US/US]; 2509 Virginia Lane, Northbrook, IL 60062 (US). FORBES, **Zachary, G.** [US/US]; 1500 Locust Street, Apt. 1512, Philadelphia, PA 19102 (US).
- (74) VOLIN, **Marina, E.**; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., Seven Penn Center, 1635 Market Street, 12th Floor, Philadelphia, PA 19103 (US).
- (71) NEW ENGLAND MEDICAL CENTER HOSPITALS, INC. [US/US]; 750 Washington Street, Box 817, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093644 (13) A2

(21) PCT/US2004/011877

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,514 18 Apr/avr 2003 US  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND APPARATUS FOR GE-  
NETIC EVALUATION  
• PROCEDES ET APPAREIL POUR  
L'EVALUATION GENETIQUE

(71) ISIS PHARMACEUTICALS, INC.  
[US/US]; 2292 Faraday Avenue, Carlsbad,  
CA 92008 (US). SCIENCE APPLICA-  
TIONS INTERNATIONAL CORPORA-  
TION [US/US]; 10260 Campus Point Drive,  
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*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) ECKER, David, J. [US/US]; 1041  
Saxony Road, Encinitas, CA 92024 (US).  
GRIFFEY, Richard, H. [US/US]; 360  
Barsby Street, Vista, CA 92084 (US). SAM-  
PATH, Rangarajan [IN/US]; 12223 Mannix  
Road, San Diego, CA 92129 (US). HOF-  
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Viewridge Way, Oceanside, CA 92056 (US).  
McNEIL, John [US/US]; 6389 Castejon  
Drive, La Jolla, CA 92037 (US). CROOKE,  
Stanley, T. [US/US]; 3211 Piragua Street,  
Carlsbad, CA 92009 (US). SOFIANOS,  
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San Diego, CA 92130 (US). RUDNICK,  
Karl, H. [US/US]; 1019 San Patricio Drive,  
Solana Beach, CA 92075 (US). KNIZE,  
Duane, J. [US/US]; 5572 Ladybird Lane,  
La Jolla, CA 92037 (US). STOUGHTON,  
Roland, B. [US/US]; 5919 Mildred Street,  
Apartment D, San Diego, CA 92110 (US).  
BASHAM, Cecil, L., Jr. [US/US]; 15809  
Caminito Cantaras, Del Mar, CA 92014  
(US). LEWIS, Clifford, T. [US/US]; 7960  
Avenida Navida, #93, San Diego, CA 92122  
(US). LARSON, Brons, M. [US/US]; 7421  
Mission Trails Drive #132, Santee, CA 92071  
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4585 Da Vinci, San Diego, CA 92130 (US).  
MURRAY, Dennis, P. [US/US]; 11165 Mc-  
Donald Street, Culver City, CA 90230 (US).  
ROBBINS, David, W. [US/US]; 5259 Mid-  
dleton Road, San Diego, CA 92109 (US).  
PENHUNE, John, P. [US/US]; 6730 Muir-  
lands Drive, La Jolla, CA 92037 (US).

(74) LEGAARD, Paul, K.; Cozen O'Connor,  
1900 Market Street, Philadelphia, PA 19103  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093645 (13) A2

(21) PCT/US2004/011879

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,470 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TN5 TRANSPOSASE MUTANTS AND  
THE USE THEREOF  
• MUTANTS DE TRANSPOSASE TN5 ET  
LEUR UTILISATION

(71) WISCONSIN ALUMNI RESEARCH  
FOUNDATION [US/US]; 614 Walnut  
Street, Madison, WI 53707-7365 (US).  
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les États désignés sauf US)*

(72, 75) REZNIKOFF, William, S. [US/US];  
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WI 54229 (US).

(74) REN, Zhibin; Quarles & Brady LLP, 411  
East Wisconsin Avenue, Milwaukee, WI  
53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093646 (13) A2

(21) PCT/US2004/011939

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/464,084 18 Apr/avr 2003 US  
(18.04.2003)

(30) 60/504,576 18 Sep/sep 2003 US  
(18.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROGNOSIS, DIAGNOSIS AND  
TREATMENT OF BONE MARROW  
DERIVED STEM CELL ASSOCIATED  
CANCER

• PRONOSTIC, DIAGNOSTIC ET TRAI-  
TEMENT DE MOELLE OSSEUSE DE-  
RIVEE DE CELLULES SOUCHES AS-  
SOCIEES AU CANCER

(71) UNIVERSITY OF MASSACHUSETTS  
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Boston, MA 02108 (US).

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les États désignés sauf US)*

(72, 75) WANG, Timothy, C. [US/US]; 33  
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(US).

(74) MILASINCIC, Debra, J.; Lahive & Cock-  
field, LLP, 28 State Street, Boston, MA 02109  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093647 (13) A2

(21) PCT/US2004/011982

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,447 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IDENTIFICATION AND MONITORING  
OF SYSTEMATIC LUPUS ERYTHE-  
MATOSUS

• IDENTIFICATION ET CONTROLE DU  
LUPUS ERYTHEMATEUX SYSTE-  
MIQUE

(71) UNIVERSITY OF PITTSBURGH-OF  
THE COMMONWEALTH SYSTEM OF  
HIGHER EDUCATION [US/US]; 200  
Gardner Steel Conference Center, Thackeray  
& O'Hara Streets, Pittsburgh, PA 15620 (US).  
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les États désignés sauf US)*

(72, 75) AHEARN, Joseph, M. [US/US]; 2  
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MANZI, Susan, M. [US/US]; 2486 Matter-  
horn Drive, Wexford, PA 15090 (US).

(74) WEBER, Kenneth, A.; Townsend and  
Townsend and Crew LLP, Two Embar-  
cadero Center, 8th floor, San Francisco, CA  
94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> A61B
- (11) WO 2004/093648 (13) A2
- (21) PCT/US2004/012005
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 60/463,809 18 Apr/avr 2003 US  
(18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • USER INTERFACE FOR INFUSION  
PUMP REMOTE CONTROLLER AND  
METHOD OF USING THE SAME
- INTERFACE UTILISATEUR POUR  
UNITE DE TELECOMMANDE DE  
POMPE DE PERFUSION ET SON PRO-  
CEDE D'UTILISATION
- (71) INSULET CORPORATION [US/US]; 100  
Cummings Center, Suite 239G, Beverly, MA  
01916-6120 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) CAMPBELL, Robert [US/US]; 65 Fair-  
mont Avenue, Waltham, MA 02453 (US).  
GEMMEL, Steven [US/US]; 66 Osgood  
Street, Andover, MA 01810 (US). VOGT,  
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03870 (US). GARIBOTTO, John [US/US];  
24 Lee Street, Unit D5, Marblehead, MA  
01945 (US). MALAVE, Luis [US/US]; 50  
Avalon Drive, Peabody, MA 01960 (US).  
CATE-BROWN, Deborah [US/US]; 9 West  
Elm Street, Pembroke, MA 02359 (US).  
OPPENHEIMER, Aaron [US/US]; 160  
Pleasant Street, Cambridge, MA 02139 (US).  
VIVONA, Christina [US/US]; 324 Old Mill  
Road, Portsmouth, RI 02871 (US). MAN-  
DLER, Pamela [US/US]; 67 Basin Street,  
Portsmouth, RI 02871 (US). FREY, David  
[US/US]; 79 Columbia Avenue, Cranston, RI  
02905 (US).
- (74) LAPPIN, Mark, G. et al. / etc.; McDermott,  
Will & Emery, 28 State Street, Boston, MA  
02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> A61B
- (11) WO 2004/093650 (13) A2
- (21) PCT/US2004/012084
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 60/463.574 17 Apr/avr 2003 US  
(17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR MONITORING BLOOD  
FLOW AND METABOLIC UPTAKE  
IN TISSUE WITH RADIOLABELED  
ALKANOIC ACID
- METHODE DE SURVEILLANCE DE  
LA CIRCULATION SANGUINE ET  
DE L'ASSIMILATION METABOLIQUE  
DANS LES TISSUS AVEC ACIDE AL-  
CANOIQUE RADIOMARQUE
- (71) THE GENERAL HOSPITAL CORPO-  
RATION [US/US]; 55 Fruit Street, Boston,  
MA 02114, United States of America (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) ELMALEH, David, R. [US/US]; Well-  
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Hospital, Boston, MA (US). FISCHMAN,  
Alan, J. [US/US]; Wellman Laboratories of  
Photomedicine, Department of Radiology,  
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MA (US). SHOUP, Timothy, M. [US/US];  
Wellman Laboratories of Photomedicine,  
Department of Radiology, Massachusetts  
General Hospital, Boston, MA (US).
- (74) KOWALSKI, Thomas et al. / etc.; From-  
mer Lawrence & Haug LLP, 745 Fifth Ave-  
nue, New York, NY 10151 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> A61B
- (11) WO 2004/093651 (13) A2
- (21) PCT/US2004/012104
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 10/421,652 23 Apr/avr 2003 US  
(23.04.2003)
- (30) 10/441,933 20 May/mai 2003 US  
(20.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PROCESSING PULSE SIGNAL IN  
CONJUNCTION WITH ECG SIGNAL  
TO DETECT PULSE IN EXTERNAL  
DEFIBRILLATION
- TRAITEMENT DE SIGNAL DE POULS  
CONJOINTEMENT AVEC LE SIGNAL  
ECG POUR LA DETECTION D'UNE IM-  
PULSION DANS LA DEFIBRILLATION  
EXTERNE
- (71) ZMD CORPORATION [US/US]; 3411 Sil-  
verside Road, Wilmington, DE 19810 (US).  
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les États désignés sauf US)*
- (72, 75) MARCOVECCHIO, Alan, F. [US/US];  
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55125 (US). GEHEB, Frederick [US/US];  
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BOUCHER, Donald, R. [US/US]; 47 Argilla  
Road, Andover, MA 01810 (US).
- (74) LEE, G., Roger; Fish and Richardson P.C.,  
225 Franklin Street, Boston, MA 02110-2804  
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093652 (13) A2

(21) PCT/US2004/012189

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,424 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR SYN-  
THESIS OF MOLECULAR IMAGING  
PROBES INCLUDING FDG

• SYSTEME ET PROCEDE POUR SYN-  
THETISER DES SONDAS D'IMAGERIE  
MOLECULAIRE, NOTAMMENT FDG

(71) MOLECULAR TECHNOLOGIES, INC.  
[US/US]; 6140 Bristol Parkway, Culver City,  
CA 90320 (US).

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les États désignés sauf US)

(72, 75) BUCHANAN, Charles, R. [US/US];  
9524 Continental Drive, Knoxville, TN  
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[US/US]; 1225 14th Street, Hermosa Beach,  
CA 90254 (US). COLLIER, Thomas,  
L. [US/US] (US). MATTEO, Joseph, C.  
[US/US]; 217 Fenceraill Gap, Walland, 37886  
(US). ALVORD, C., William [US/US];  
11905 Longstreet Place, Farragut, 37922  
(US).

(74) STEPHENS, Raymond, E. et al. / etc.;  
PITTS & BRITTLAN, P.C., P.O. Box 51295,  
Knoxville, 43 37950-1295 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093653 (13) A2

(21) PCT/US2004/012192

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/464,022 18 Apr/avr 2003 US  
(18.04.2003)

(30) 60/533,853 31 Dec/déc 2003 US  
(31.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MICROELECTRODE RECORDING  
ANALYSIS AND VISUALIZATION  
FOR IMPROVED TARGET LOCAL-  
IZATION

• ANALYSE ET VISUALISATION  
D'ENREGISTREMENT DE MICROE-  
LECTRODE PERMETTANT UNE

MEILLEURE LOCALISATION DE  
CIBLE

(71) OREGON HEALTH & SCIENCE UNI-  
VERSITY [US/US]; Office of Technology  
& Research Collaborations, 2525 SW 1st  
Avenue, Suite #120, Portland, OR 97201  
(US). STATE OF OREGON ACTING BY  
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OF HIGHER EDUCATION ON BEHALF  
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(72, 75) MC NAMES, James [US/US]; 7608 SE  
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(74) JONES, Michael, D.; Klarquist Sparkman,  
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(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093654 (13) A2

(21) PCT/US2004/012230

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/419,652 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BONE PLATE STABILIZATION SYS-  
TEM AND METHOD FOR ITS USE

• SYSTEME DE STABILISATION DE  
LAME OSSEUSE ET SA METHODE  
D'UTILISATION

(71) RSB SPINE, LLC [US/US]; 2530 Superior  
Avenue, #703, Cleveland, OH 44114 (US).  
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les États désignés sauf US)

(72, 75) BRAY, Robert, S. [US/US]; 11966  
Lockridge Road, Studio City, CA 91604-4170  
(US).

(74) KACHMARIK, Ronald, M. et al. / etc.;  
Pearne & Gordon LLP, 1801 East 9th Street,  
Ste. 1200, Cleveland, OH 44114-3108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093655 (13) A2

(21) PCT/US2004/012238

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,878 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HELICAL GUIDEWIRE

• GUIDE METALLIQUE HELICOIDAL

(71) APPLIED MEDICAL RESOURCES  
CORPORATION [US/US]; 22872 Avenida  
Empresa, Rancho Santa Margarita, CA 92688  
(US).

(72) PINGLETON, Edward, D.; 26993 Albillo  
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(US).

(74) VU, Kenneth, K.; 22872 Avenida Empresa,  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093656 (13) A2

(21) PCT/US2004/012362

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,673 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ULTRASOUND ENHANCED CEN-  
TRAL VENOUS CATHETER

• CATHETER VEINEUX CENTRAL UL-  
TRASONORE PERFECTIONNE

(71) EKOS CORPORATION [US/US]; 22030 -  
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(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, 2040 Main Street, Fourteenth Floor, Irvine, California 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093657 (13) A2

(21) PCT/US2004/012375

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,703 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INTEGRATED GLOBAL LAYOUT AND LOCAL MICROSTRUCTURE TOPOLOGY OPTIMIZATION APPROACH FOR SPINAL CAGE DESIGN AND FABRICATION

• IMPLANTATION GLOBALE INTEGREE ET APPROCHE VISANT A OPTIMISER LA TOPOLOGIE D'UNE MICROSTRUCTURE LOCALE EN VUE DE LA CONCEPTION ET DE LA FABRICATION D'UNE CAGE SPINALE

(71) **THE REGENTS OF THE UNIVERSITY OF MICHIGAN ET AL.** [US/US]; Technology Management Office, Wolverine Tower, Room 2071, 3003 S. State Street, Ann Arbor, MI 48109-1280 (US).

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(72, 75) **LIN, Chia, Ying** [—/US]; 2131 Glencoe Hills Drive, Apartment 10, Ann Arbor, MI 48109 (US). **HOLLISTER, Scott, J.** [US/US]; 2015 Churchill Drive, Ann Arbor, MI 48103 (US). **LIN, Cheng-Yu** [—/US]; 3060 Whisperwood Drive, Apartment 406, Ann Arbor, MI 48105 (US).

(74) **WADE, Bryant, E.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093658 (13) A2

(21) PCT/US2004/012469

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,114 23 Apr/avr 2003 US (23.04.2003)

(30) 60/471,028 15 May/mai 2003 US (15.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVED METHODS AND SOLUTIONS FOR STORING DONOR ORGANS

• METHODES ET SOLUTIONS AMELIOREES DE STOCKAGE DES ORGANES DE DONNEURS

(71) **HUMAN BIOSYSTEMS** [US/US]; 1127 Harker Avenue, Palo Alto, CA 94301 (US).

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(72, 75) **TOLEDO-PEREYRA, Luis** [US/US]; 333 Frakes Street, Apt. A-208, Portage, MI 49024 (US). **LOPEZ-NEBLINA, Fernando** [MX/US]; 3598 Whistling Lane, Vicksburg, MI 49097 (US).

(74) **ENG, Peter** et al. / etc.; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093659 (13) A2

(21) PCT/US2004/012524

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,713 23 Apr/avr 2003 US (23.04.2003)

(30) 60/547,364 24 Feb/fév 2004 US (24.02.2004)

(30) 10/829,701 22 Apr/avr 2004 US (22.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR ABLATING CARDIAC TISSUE WITH GUIDE FACILITY

• PROCEDE ET APPAREIL PERMETTANT DE REALISER L'ABLATION D'UN TISSU CARDIAQUE AU MOYEN D'UN DISPOSITIF DE GUIDAGE

(71) **ATRICURE, INC.** [US/US]; 6033 Schumacher Park Drive, West Chester, OH 45069 (US).

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(72) **HOOVEN, Michael, D.**; 7778 Bennington Drive, Cincinnati, OH 45241 (US).

(74) **MCFARRON, Gary, W.** et al. / etc.; Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd., Suite 2850, 200 West Adams Street, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

(11) WO 2004/093660 (13) A2

(21) PCT/US2004/012600

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/421,980 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND DEVICES FOR REENTERING A TRUE LUMEN FROM A SUBINTIMAL SPACE

• PROCEDES ET DISPOSITIF PERMETTANT DE REENTRER DANS UNE LUMIERE VERITABLE DEPUIS UN ESPACE SOUS-ENDOTHELIAL

(71) **FOX HOLLOW TECHNOLOGIES, INC.** [US/US]; 300 Saginaw Drive, Redwood City, CA 94063 (US).

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(72, 75) **SIMPSON, John, B.** [US/US]; 309 Manuella Avenue, Woodside, CA 94062 (US). **ROSENTHAL, Michael, H.** [US/US]; 615 Oregon Avenue, Palo Alto, CA 95125 (US). **VENEGAS, Gautama, B.** [US/US]; 3651 Muirwood Drive, Pleasanton, CA 94588 (US). **DOUD, Darren, G.** [US/US]; 4434 Alex Drive, San Jose, CA 95130 (US). **ASHLEY, John, E.** [US/US]; 184 Burlwood Drive, San Francisco, CA 94127 (US).

(74) **WONG, Craig, P.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero



- Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61B

- (11) WO 2004/093661 (13) A2  
(21) PCT/US2004/012601  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 10/421,979 22 Apr/avr 2003 US (22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHODS AND DEVICES FOR CUTTING TISSUE  
• PROCEDES ET DISPOSITIFS POUR COUPER UN TISSU
- (71) FOX HOLLOW TECHNOLOGIES, INC. [US/US]; 300 Saginaw Drive, Redwood City, CA 94063 (US).  
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- (72, 75) SIMPSON, John, B. [US/US]; 309 Manuella Avenue, Woodside, CA 94062 (US). ROSENTHAL, Michael, H. [US/US]; 615 Oregon Avenue, Palo Alto, CA 95125 (US). PATEL, Himanshu [US/US]; 1114 Nevada Avenue, San Jose, CA 95125 (US). VENEGAS, Gautama [US/US]; 3651 Muirwood Drive, Pleasanton, CA 94588 (US).

- (74) WONG, Craig, P. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

- (11) WO 2004/093662 (13) A2  
(21) PCT/US2004/006085  
(22) 19 Mar/mar 2004 (19.03.2004)

- (25) en (26) en  
(30) 60/455,585 19 Mar/mar 2003 US (19.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD FOR DETECTING PROGNOSIS OF CANCER  
• METHODE PERMETTANT DE DETERMINER LE PRONOSTIC D'UN CANCER

- (71) SEIKAGAKU CORPORATION [JP/JP]; 1-5, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo 103-0023 (JP). THE BURNHAM INSTITUTE [US/US]; 10901 North Torrey Pines Road, La Jolla, CA 92037 (US).  
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- (74) BOLAND, Mark et al. / etc.; Sughruc Mion, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

- (11) WO 2004/093663 (13) A2  
(21) PCT/US2004/007780  
(22) 12 Mar/mar 2004 (12.03.2004)  
(25) en (26) en  
(30) 60/461,739 9 Apr/avr 2003 US (09.04.2003)  
(30) 60/518,867 10 Nov/nov 2003 US (10.11.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • WAVEFRONT CALIBRATION ANALYZER AND METHODS  
• ANALYSEUR POUR L'ETALONNAGE DE FRONTS D'ONDE, ET PROCEDES ASSOCIES

- (71) VISX INCORPORATED [US/US]; 3400 Central Expressway, Santa Clara, CA 95051-0703 (US).  
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- (72, 75) LIANG, Junzhong [US/US]; 45 Kootenai Drive, Fremont, CA 94539 (US). CHERNYAK, Dimitri [US/US]; 781 North Fair Oaks Avenue #6, Sunnyvale, CA 94086 (US). YEE, Kingman [US/US]; 1913 Fumia Place, San Jose, CA 95131 (US). SOMANI, Seema [IN/US]; 903 Erie Circle, Milpitas, CA 95035 (US). PERSOFF, Jeffrey, J. [US/US]; 5288 Ramford Drive, San Jose, CA 95124-5634 (US). HUFF, Walter

- [US/US]; 727 Glenwood Cutoff, Scotts Valley, CA 95066 (US). CAMPBELL, Charles [US/US]; 2908 Elmwood Court, Berkeley, CA 94705 (US). MUNNERLYN, Charles, R. [US/US]; 1731 Marsilles Court, San Jose, CA 95138 (US). BLIVEN, Brian [US/US]; 416 Conestoga Way, San Jose, CA 95123 (US).

- (74) SMITH, Scott, M. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B

- (11) WO 2004/093664 (13) A2  
(21) PCT/US2004/007938  
(22) 15 Mar/mar 2004 (15.03.2004)  
(25) en (26) en  
(30) 10/411,479 8 Apr/avr 2003 US (08.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHOD AND KIT FOR CONTROLLING BLEEDING  
• PROCEDE ET TROUSSE POUR LE CONTROLE DE L'HEMORRAGIE

- (71) UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION [US/US]; Suite 403, 1534 White Avenue, Knoxville, TN 37996-1527 (US).  
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- (71, 72) MOORE, Bob, M., II [US/US]; 3793 Magnolia Lane, Nesbit, MS 38651 (US). MILLER, Duane, D. [US/US]; 8706 Maple Creek Drive, Germantown, TN 38139 (US).

- (74) EISENBERG, Howard; 2206 Applewood Court, Perkasie, PA 18944 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
designations

(u) for / pour US only / seulement

(51)<sup>7</sup> A61B 1/00, A61M 1/00, G07C 3/08

(11) WO 2004/093665 (13) A1

(21) PCT/FR2004/000854

(22) 6 Apr/avr 2004 (06.04.2004)

(25) fr (26) fr

(30) 03/04765 16 Apr/avr 2003 FR  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND DEVICE FOR  
RECORDING OPERATING INCI-  
DENTS OF MEDICAL INSTRUMENTS  
• PROCEDE ET DISPOSITIF  
D'ENREGISTREMENT DES INCI-  
DENTS DE FONCTIONNEMENT DES  
APPAREILS MEDICAUX

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(72, 75) OGNIER, Jean-François [FR/FR]; 8,  
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(FR).

(74) CABINET GERMAIN & MAUREAU; BP  
6153, F-69466 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61B 1/018, 17/32, A61M 25/00

(11) WO 2004/093666 (13) A1

(21) PCT/US2003/041617

(22) 19 Dec/déc 2003 (19.12.2003)

(25) en (26) en

(30) 10/394,079 21 Mar/mar 2003 US  
(21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEMS AND METHODS FOR IN-  
TERNAL TISSUE PENETRATION

• SYSTEMES ET PROCEDES DE PENE-  
TRATION DANS DES TISSUS INTER-  
IEURS

(71) SCIMED LIFE SYSTEMS, INC. [US/US];  
One Scimed Place, Mail Stop A150, Maple  
Grove, MN 55311-1566 (US).

(72) RAMZIPOOR, Kamal; 191 Meadows  
Court, Fremont, CA 94539 (US). KOGER,  
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CA 95060 (US). CHOPRA, Gopal; 1468  
Fifth Avenue, Apt. C, San Francisco, CA  
94122 (US).

(74) ORRICK HERRINGTON & SUT-  
CLIFFE LLP et al. / etc.; 4 Park Plaza,  
Suite 1600, Irvine, CA 92614-2558 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SY  
TJ TM TN TR TT TZ UA UG UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les  
designations

(t) for all designations / pour toutes les  
designations

(51)<sup>7</sup> A61B 3/103

(11) WO 2004/093667 (13) A1

(21) PCT/US2004/008107

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/397,099 25 Mar/mar 2003 US  
(25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOIRÉ ABERROMETER

• ABERROMETRE POUR DEFANTS DE  
MOIRAGE

(71) BAUSCH & LOMB INCORPORATED  
[US/US]; One Bausch & Lomb Place,  
Rochester, NY 14604 (US).

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les États désignés sauf US)

(72, 75) EAGAN, Barry, T. [US/US]; 1216  
South 900 West, Salt Lake City, UT 84104  
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(74) LARSON, Craig, E. et al. / etc.; Bausch  
& Lomb Incorporated, One Bausch & Lomb  
Place, Rochester, NY 14604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(r) for all designations / pour toutes les  
designations

(51)<sup>7</sup> A61B 3/113, 3/024

(11) WO 2004/093668 (13) A1

(21) PCT/GB2004/001700

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0309025.5 22 Apr/avr 2003 GB  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR THE  
DIAGNOSIS OF GLAUCOMA AND  
OTHER VISUAL DISORDERS

• PROCEDE ET APPAREIL DE DIAG-  
NOSTIC PRECOCE ET RAPIDE  
DU GLAUCOME ET D'AUTRES  
TROUBLES DE LA VUE CHEZ LES  
HUMAINS ET PRIMATES SUPER-  
IEURS

(71, 72) MCGRATH, John, Andrew, Mur-  
ray [GB/GB]; 4 Randolph Cliff, Edinburgh  
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(74) MURGITROYD & COMPANY; Scotland  
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8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B 5/00

(11) WO 2004/093669 (13) A1

(21) PCT/IB2004/050498

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03101135.6 24 Apr/avr 2003 EP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CATHETER HEAD

• TETE DE CATHETER

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

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les États désignés sauf US)

(72, 75) VAN BEEK, Michael, C. [NL/NL]; c/o  
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(74) COHEN, Julius, S.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61B 5/00, 8/00, 8/12

(11) WO 2004/093670 (13) A1

(21) PCT/US2003/041410

(22) 29 Dec/déc 2003 (29.12.2003)

(25) en (26) en

(30) 10/401,901 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMAGING TRANSDUCER ASSEMBLY  
• ENSEMBLE TRANSDUCTEUR D'IMAGERIE

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Mail Stop A150, Maple Grove, MN 55311-1566 (US).

(72) OSTROVSKY, Isaac; 5 Willow Street, Wellesley, MA 02481 (US).

(74) ORRICK HERRINGTON & SUTCLIFFE LLP et al. / etc.; 4 Park Plaza, Suite 1600, Irvine, CA 92614-2558 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61B 5/00

(11) WO 2004/093671 (13) A2

(21) PCT/US2004/012256

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,678 22 Apr/avr 2003 US (22.04.2003)

(30) 10/772,663 4 Feb/fév 2004 US (04.02.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PARAMETRIC ULTRASOUND IMAGING USING ANGULAR COMPOUNDING

• IMAGERIE ULTRASONIQUE PARAMETRIQUE APPLIQUANT LA COMBINAISON ANGULAIRE

(71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 Walnut Street, Madison, WI 53705 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAGZEBSKI, James, A. [US/US]; 522 Dunning Street, Madison, WI 53704 (US). VARGHESE, Tomy [US/US]; 14 West Copper Circle, Madison, WI 53717 (US). GERIG, Anthony, L. [US/US]; 66 S. Oakbridge Ct., #201, Madison, WI 53717 (US).

(74) BAXTER, Keith, M.; Quarles & Brady LLP, 411 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 5/00, A61M 5/168

(11) WO 2004/093672 (13) A1

(21) PCT/US2004/012355

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/421,270 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR DETECTION AND DISPLAY OF EXTRAVASATION AND INFILTRATION OF FLUIDS AND SUBSTANCES IN SUBDERMAL OR INTRADERMAL TISSUE

• PROCEDE POUR DECELER ET VISUALISER L'EXTRAVASATION ET L'INFILTRATION DE FLUIDES ET DE SUBSTANCES DANS UN TISSU SOUS-CUTANE OU INTRADERMIQUE

(71) INFRARED IMAGING SYSTEMS, INC. [US/US]; 1275 Kinnear Road, Columbus, OH 43212-1155 (US). THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE AIR FORCE [US/US]; AFMCLO/JAZ Building 11, Room 100, 2240 B Street, Wright Patterson AFB, OH 45433-7109 (US).

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(72, 75) CRANE, Robert, L. [US/US]; 200 Lewiston Road, Kettering, OH 45429 (US). CALLARD, David, M. [US/US]; 272 E. Deshler Ave., Columbus, OH 43206 (US).

(74) HALEY, James, F., Jr. et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 10/411,625 10 Apr/avr 2003 US (10.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL DETECTION OF DENTAL CARIES  
• DETECTION OPTIQUE DE CARIES DENTAIRES

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/460,825 4 Apr/avr 2003 US (04.04.2003)

(30) 10/646,333 22 Aug/août 2003 US (22.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTIMIZED SENSOR GEOMETRY FOR AN IMPLANTABLE GLUCOSE SENSOR

• GEOMETRIE DE CAPTEUR OPTIMISEE POUR CAPTEUR DE GLUCOSE IMPLANTABLE

(71) DEXCOM INC. [US/US]; 6725 Mesa Ridge Road, Suite 100, San Diego, CA 92121 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRAUKER, James, H. [US/US]; 10831 Riesling Drive, San Diego, CA 92131 (US). CARR-BRENDEL, Victoria [US/US]; 12480 Via Cabezon, San Diego, CA 92129 (US). NEALE, Paul, V. [US/US]; 9179 Truman Street, San Diego, CA 92129 (US). MARTINSON, Laura, A. [US/US]; 4047 Alabama Street, San Diego, CA 92103 (US). TAPSAK, Mark, A. [US/US]; 12804 Amaranth Street, San Diego, CA 92129 (US).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 10/420,181 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A RIGHT SIDE UNIVERSAL ELECTROCARDIOGRAM SENSOR POSITIONING MASK AND METHOD

• MASQUE DE POSITIONNEMENT DE DETECTEUR D'ELECTROCARDIOGRAMME UNIVERSEL DE COTE DROIT ET PROCEDE ASSOCIE

(71) UNILEAD INTERNATIONAL, INC. [US/US]; 3650 Mt. Diablo Blvd., Ste 130, Lafayette, CA 94549-3765 (US).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/464,762 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR MONITORING HEART RATE VARIABILITY

• APPAREIL ET MÉTHODE DE SURVEILLANCE DE LA VARIABILITÉ DE LA FRÉQUENCE CARDIAQUE

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(74) STONE, Jeffrey, R.; Altera LawGroup, LLC, Suite 100, 6500 City West Parkway, Minneapolis, MN 55344-7704 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 10/418,329 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ECG SIGNAL DETECTION DEVICE

• DISPOSITIF DE DETECTION D'UN SIGNAL ECG

(71) MEDTRONIC PHYSIO-CONTROL CORP. [US/US]; 11811 Willows Road NE, South Bldg., P.O. Box 97006, Redmond, WA 98073-9706 (US).

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(74) HANSON, Daniel, J.; Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 0301201-0 24 Apr/avr 2003 SE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR ANALYSING CARDIAC EVENTS

• APPAREIL D'ANALYSE D'EVENEMENTS CARDIAQUES

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(72, 75) ÅSTRÖM, Magnus [SE/SE]; Iliogrändens 99, S-224 72 Lund (SE). SÖRNMO, Leif [SE/SE]; Bengt Lidforss väg 15, S-224 65 Lund (SE).

(74) ST JUDE MEDICAL AB; Patent Department, Veddestavägen 19, S-175 84 Järfälla (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B 5/0484, 5/04

(11) WO 2004/093679 (13) A1

(21) PCT/GB2004/001565

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0309049.5 22 Apr/avr 2003 GB  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NERVOUS SYSTEM MONITORING  
METHOD

• PROCEDE DE SURVEILLANCE DU  
SYSTEME NERVEUX

(71) THE VICTORIA UNIVERSITY OF  
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(72, 75) POMFRETT, Christopher, John, Dou-  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

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(51)<sup>7</sup> A61B 5/055

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(25) en (26) en

(30) 03101145.5 24 Apr/avr 2003 EP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR SIMULATION OF AN  
ELECTRIC STIMULATION IN AN MR  
IMAGING SYSTEM

• PROCEDE DE SIMULATION D'UNE  
STIMULATION ELECTRIQUE DANS  
UN SYSTEME D'IMAGERIE PAR RE-  
SONANCE MAGNETIQUE

(71) KONINKLIJKE PHILIPS ELECTRON-  
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(74) COHEN, Julius, S.; Prof. Holstlaan 6,  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B 5/055, G01R 33/3815

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(25) ja (26) ja

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(23.01.2004)

(30) 2004-122723 19 Apr/avr 2004 JP  
(19.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MAGNETIC RESONANCE IMAGING  
DEVICE

• DISPOSITIF D'IMAGERIE PAR RESO-  
NANCE MAGNETIQUE

(71) HITACHI MEDICAL CORPORATION  
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(74) TADA, Kimiko et al. / etc.; Gloria Build-  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61B 5/055, G01R 33/3415

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(21) PCT/JP2004/005928

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-119403 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MAGNETIC RESONANCE IMAGING  
METHOD AND APPARATUS

• PROCEDE ET APPAREIL D'IMAGERIE  
PAR RESONANCE MAGNETIQUE

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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (51)<sup>7</sup> A61B 6/00, 8/12  
(11) WO 2004/093683 (13) A1  
(21) PCT/IB2004/050433  
(22) 14 Apr/avr 2004 (14.04.2004)  
(25) en (26) en  
(30) 03101123.2 24 Apr/avr 2003 EP  
(24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • APPARATUS AND METHOD FOR GENERATING AN IMAGE OF A VASCULAR SYSTEM  
• APPAREIL ET PROCÉDE POUR GÉNÉRER UNE IMAGE D'UN SYSTÈME VASCULAIRE  
(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).  
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(74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(30) 03101103.4 22 Apr/avr 2003 EP  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • APPARATUS FOR ANGIOGRAPHIC X-RAY PHOTOGRAPHY  
• APPAREIL D'IMAGERIE ANGIOGRAPHIQUE RADIOGRAPHIQUE  
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(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW)  
(72, 75) SCHMITT, Holger [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).  
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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61B 6/00  
(11) WO 2004/093685 (13) A1  
(21) PCT/JP2004/005872  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) ja (26) ja  
(30) 2003-117810 23 Apr/avr 2003 JP  
(23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • RADIOGRAPHICAL DEVICE  
• DISPOSITIF RADIOGRAPHIQUE  
(71) HITACHI MEDICAL CORPORATION [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo 1000047 (JP).  
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(72, 75) IKEDA, Shigeyuki [JP/JP]; 504-4, Hananoi, Kashiwa-shi, Chiba 2770827 (JP).  
SUGENO, Shuji [JP/JP]; 2-19-2, Goshogaoka, Moriya-shi, Ibaraki 3020119 (JP).  
NAKAMURA, Tadashi [JP/JP]; 17-4-515, Koaota, Kashiwa-shi, Chiba 2770803 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61B 8/00, A61N 7/00  
(11) WO 2004/093686 (13) A1  
(21) PCT/US2004/011374  
(22) 12 Apr/avr 2004 (12.04.2004)  
(25) en (26) en  
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(17.04.2003)  
(30) 10/822,181 9 Apr/avr 2004 US  
(09.04.2004)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SHEAR MODE DIAGNOSTIC ULTRASOUND  
• ULTRASON DE DIAGNOSTIC EN MODE DE CISAILLEMENT  
(63) US 60/463,589 (CIP)  
17 Apr/avr 2003 (17.04.2003)  
US 10/822,181 (CIP)  
9 Apr/avr 2004 (09.04.2004)  
(71) THE BRIGHAM & WOMEN'S HOSPITAL, INC. [US/US]; 75 Francis Street, Boston, MA 02115 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) HYNYNEN, Kullervo [FI/US]; 57 Indian Hill Road, Medfield, MA 02052 (US).  
CLEMENT, Gregory, T. [US/US]; 2000 Commonwealth Avenue, Apartment 1603, Boston, MA 02135 (US).  
(74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glovsky, and Popeo, P., C., One Financial Center, Boston, MA 02111 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61B 8/00  
(11) WO 2004/093687 (13) A1  
(21) PCT/US2004/011397  
(22) 14 Apr/avr 2004 (14.04.2004)  
(25) en (26) en  
(30) 60/463,045 16 Apr/avr 2003 US  
(16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SYSTEM AND METHOD FOR GENERATING OPERATOR INDEPENDENT ULTRASOUND IMAGES

• SYSTEME ET PROCEDE DE PRODUCTION D'IMAGES PAR ULTRASONN INDEPENDANTES DE L'OPERATEUR

(71) EASTERN VIRGINIA MEDICAL SCHOOL [US/US]; P.O. Box 1980, Norfolk, VA 23501 (US).

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(72, 75) ABUHAMAD, Alfred, Z. [US/US]; 1116 Lamorelle Court, Virginia Beach, VA 23452 (US).

(74) DISCHER, Gregory, S. et al. / etc.; The Willard Office Building, 1455 Pennsylvania Avenue, NW, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61B 17/00

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(21) PCT/AU2003/001449

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 2003902037 24 Apr/avr 2003 AU (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR TREATMENT OF ISCHAEMIC TISSUE

• PROCEDE DE TRAITEMENT DE TISSU ISCHEMIQUE

(71, 72) MCLACHLAN, Craig [AU/AU]; 24 The Sanctuary, Westleigh, New South Wales 2120 (AU).

(74) GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 17/00

(11) WO 2004/093689 (13) A1

(21) PCT/AU2004/000538

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en

(26) en

(30) 2003902037 24 Apr/avr 2003 AU (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR TISSUE GROWTH

• PROCEDE DE CROISSANCE TISSULAIRE

(71, 72) MCLACHLAN, Craig [AU/AU]; 46 The Sanctuary, Westleigh, New South Wales 2120 (AU).

(74) GRIFFITH HACK; GPO Box 4164, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61B 17/02

(11) WO 2004/093690 (13) A1

(21) PCT/EP2004/004380

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) S2003/0303 22 Apr/avr 2003 IE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A DEVICE FOR USE IN PARIETAL SURGERY

• DISPOSITIF DESTINE A ETRE UTILISE POUR LA CHIRURGIE PARIETALE

(71, 72) LEAHY, Patrick [IE/IE]; 14 Hume Street, Dublin 2 (IE).

(74) O'CONNELL, Maura et al. / etc.; F.R. Kelly & Co, 27 Clyde Road, Ballsbridge, Dublin 4 (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A61B 17/02, A61F 2/46

(11) WO 2004/093691 (13) A2

(21) PCT/US2004/007356

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/405,816 2 Apr/avr 2003 US (02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND INSTRUMENTATION FOR POSITIONING IMPLANTS IN SPINAL DICS SPACE IN AN ANTERIOR LATERAL APPROACH

• PROCEDES ET INSTRUMENTATION DE POSITIONNEMENT D'IMPLANTS DANS UN ESPACE DISCAL SPINAL SELON UNE APPROCHE ANTEROLATERALE

(71) SDGI HOLDINGS, INC. [US/US]; Suite 508, 300 Delaware Avenue, Wilmington, DE 19801 (US).

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(72, 75) LIU, Mingyan [FR/FR]; 74, Avenue du Petit Chambord, F-92340 Bourg-la-Reine (FR). JOSSE, Loic [FR/FR]; 13, La Plana, F-11570 Palaja (FR). BERTAGNOLI, Rudolph [AT/AT]; Schimanostr 21-25/3, A-1190 Wien (AT).

(74) JOHNSON, Noreen, C. et al. / etc.; MC LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61B 17/12

(11) WO 2004/093692 (13) A1

(21) PCT/US2003/038461

(22) 2 Dec/déc 2003 (02.12.2003)

(25) en (26) en

- (30) 10/393,791 **20 Mar/mar 2003** US  
(20.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PIEZOELECTRIC VASCULAR IM-PLANT RELEASE DEVICE  
• DISPOSITIF DE LIBERATION D'IMPLANT VASCULAIRE PIEZO-ELECTRIQUE
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).
- (72) MAMAYEK, Doan; 3395 Truman Avenue, Mountain View, CA 94040 (US). PORTER, Stephen, C.; 5240 Shafter Avenue, Oakland, CA 94618 (US).
- (74) BURSE, David, T; Bingham Mccutchen LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/12
- (11) WO 2004/093694 (13) A1
- (21) PCT/US2004/005438
- (22) 24 Feb/fév 2004 (24.02.2004)
- (25) en (26) en
- (30) 10/397,622 **26 Mar/mar 2003** US  
(26.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PERCUTANEOUS TRANSLUMINAL ENDARTERECTOMY  
• ENDARTERECTOMIE TRANSLUMI-NALE PERCUTANEE
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LAFONTAINE, Daniel, M. [US/US]; 11400 Fifth Avenue North, Plymouth, MN 55411 (US).
- (74) SEAGER, Glenn, M.; Crompton Seager & Tufto LLC, 1221 Nicollet Avenue, Suite 800, Minneapolis, MN 55403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/12, 17/32
- (11) WO 2004/093693 (13) A1
- (21) PCT/US2004/005600
- (22) 25 Feb/fév 2004 (25.02.2004)
- (25) en (26) en
- (30) 10/406,074 **2 Apr/avr 2003** US  
(02.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ENDOVENOUS ABLATION MECHANISM WITH FEEDBACK CONTROL  
• MECANISME D'ABLATION ENDO-VEINEUSE A COMMANDE A RETROACTION
- (71) SCIMED LIFE SYSTEMS INC. [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).  
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- (72, 75) RIOUX, Robert [US/US]; 5 Esther Ln, Ashland, MA 01721 (US). DICARLO, Paul [US/US]; 10 Starrett Avenue, Middleboro, MA 02346 (US).
- (74) BURSE, David, T; Bingham Mccutchen LLP, Suite 1800, Three Embarcadero Center, San Francisco, CA 94111-4067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/22
- (11) WO 2004/093695 (13) A1
- (21) PCT/US2004/006079
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/455,758 **19 Mar/mar 2003** US  
(19.03.2003)
- (30) 10/423,599 **25 Apr/avr 2003** US  
(25.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DEVICE FOR MANIPULATING MATERIAL IN A TISSUE  
• DISPOSITIF POUR MANIPULER UNE MATIERE DANS UN TISSU
- (71) SCIMED LIFE SYSTEMS INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).  
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- (72, 75) KEAR, Jason, W. [US/US]; 4980 White River Drive, Bloomington, IN 47404 (US).
- (74) GARRETT, Arthur, S. et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner L.L.P., 1300 I Street, N.W., Washington, District of Columbia 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/22
- (11) WO 2004/093696 (13) A1
- (21) PCT/US2004/007172
- (22) 10 Mar/mar 2004 (10.03.2004)
- (25) en (26) en
- (30) 60/460,586 **2 Apr/avr 2003** US  
(02.04.2003)
- (30) 60/460,630 **2 Apr/avr 2003** US  
(02.04.2003)
- (30) 10/698,760 **30 Oct/oct 2003** US  
(30.10.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EMBOLECTOMY DEVICES  
• DISPOSITIFS D'EMBOLECTOMIE
- (71) SCIMED LIFE SYSTEMS INC. [US/US]; ONE SCIMED PLACE, MAPLE GROVE, MINNESOTA 55311 (US).  
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- (72, 75) KELLETT, JAMES [US/US]; 16605 CAMELLIA TERRACE, LOS GATOS, CALIFORNIA 95032 (US). SONTROP, VALERIE [US/US]; 2373 SANTA ANO STREET, PALO ALTO, CALIFORNIA 94303 (US). WALSH, GREG [US/US]; 407 CLEARVIEW DRIVE, LOS GATOS, CALIFORNIA 95032 (US). SHAH, DUSHYANT JIVANLAL [US/US]; SEVEN CRESTED OAK COURT, SAN RAMON, CALIFORNIA 94583 (US). RAMZIPOOR, KAMAL [US/US]; 46102 KLAMATH STREET, FREMONT, CALIFORNIA 94539 (US). BASHIRI, MEHRAN [US/US]; 296 DEVONSHIRE BOULEVARD, SAN CARLOS, CALIFORNIA 94070 (US). NAIR, AJITKUMAR [IN/US]; 358 WOOD CREEK TERRACE, FREMONT, CALIFORNIA 94539 (US). HUFFMASTER, ANDREW [US/US]; 4501 CAPEWOOD TERRACE, FREMONT, CALIFORNIA 94538 (US). CHIEN, THOMAS YUNG-HUI [US/US]; 3332 ARIEL JOSHUA COURT, SAN JOSE, CALIFORNIA 95113 (US). PHUNG, MARK MINH [US/US]; 4432 CHIPPENDALE COURT, UNION CITY, CALIFORNIA 94587 (US). ISSAKHANI, MEDIKO [US/US]; 1375 RUCKER AVENUE, GILROY, CALIFORNIA 95020 (US).



- (74) SEAGER, Glenn M.; CROMPTON SEAGER & TUFTE LLC, 1221 Nicollet Avenue, Suite 800, Minneapolis, Minnesota 55403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/22
- (11) WO 2004/093697 (13) A1
- (21) PCT/US2004/007709
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 10/408,397 7 Apr/avr 2003 US (07.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BEADED BASKET RETRIEVAL DEVICE
- DISPOSITIF D'EXTRACTION MEDICAL COMPRENANT DES PERLES
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TEAGUE, James A. [US/US]; RR #5 Box 306, Spencer, IN 47460 (US). KEAR, Jason [US/US]; 4980 White River Drive, Bloomington, IN 47404 (US). REPPERT, Justin A. [US/US]; 537 W. Indiana Avenue, Spencer, IN 47460 (US).
- (74) GARRETT, Arthur S. et al. / etc.; FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, LLP, 1300 I Street, NW, Washington, DC 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/30
- (11) WO 2004/093698 (13) A1
- (21) PCT/US2004/005883
- (22) 27 Feb/fév 2004 (27.02.2004)
- (25) en (26) en
- (30) 10/395,021 21 Mar/mar 2003 US (21.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • APPATATUS FOR MAINTAINING CONTACT BETWEEN ELECTROPHYSIOLOGY ELEMENTS AND TISSUE AND SYSTEMS INCLUDING THE SAME
- APPAREIL POUR MAINTENIR UN CONTACT ENTRE DES ELEMENTS ELECTROPHYSIOLOGIQUES ET UN TISSU, ET SYSTEMES COMPRENANT LEDIT APPAREIL
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311, United States of America (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72) SWANSON, David, K.; 1458 Ridgeley Drive, Campbell, CA 94040 (US). PHAN, Huy, D.; 3255 Cortese Circle, San Jose, CA 95127 (US).
- (74) SLAVIN, Craig, A. et al. / etc.; Henricks, Slavin & Holmes LLP, 840 Apollo Street, Suite 200, El Segundo, CA 90245 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/34
- (11) WO 2004/093699 (13) A1
- (21) PCT/EP2004/004381
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) S2003/0304 22 Apr/avr 2003 IE (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A DEVICE FOR USE IN SURGERY
- DISPOSITIF UTILISABLE EN CHIRURGIE
- (71, 72) LEAHY, Patrick [IE/IE]; 14 Hume Street, Dublin 2 (IE).
- (74) O'CONNELL, Maura et al. / etc.; F.R. Kelly & Co, 27 Clyde Road, Ballsbridge, Dublin 4 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 17/70
- (11) WO 2004/093701 (13) A2
- (21) PCT/US2004/009763
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/418,030 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SPINAL FIXATION SYTEM AND METHOD
- SYSTEME ET PROCEDE DE FIXATION DE LA COLONNE VERTEBRALE
- (71) SDGI HOLDINGS, INC. [US/US]; 300 Delaware Avenue Suite 508, Wilmington, Delaware 19801 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FARRIS, Robert, A. [US/US]; 1626 Hunters Rest Lane, Cordova, Tennessee
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (r) for all designations / pour toutes les désignations
- (s) for all designations / pour toutes les désignations
- (t) for all designations / pour toutes les désignations
- (u) for / pour US only / seulement

- 38018 (US). **FOLEY, Kevin, T.** [US/US]; 2877 Keasler Circle West, Germantown, Tennessee 38139 (US). **COATES, Bradley, J.** [US/US]; 1760 Nuckolls Road, Rossville, Tennessee 38066 (US). **BINDSEIL, James, J.** [US/US]; 2108 Dalkeith Drive, Germantown, Tennessee 38139 (US).
- (74) **ARNOLD, Trevor, D. et al.** / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, Minnesota 55432 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> A61B 17/80, 17/70  
(11) WO 2004/093702 (13) A2  
(21) PCT/US2004/012011  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) en (26) en  
(30) 60/463,805 18 Apr/avr 2003 US (18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • BONE FIXATION SYSTEM AND METHOD OF IMPLANTATION  
• SYSTEME DE FIXATION OSSEUSE ET PROCEDE D'IMPLANTATION  
(63) US 60/463,805 (CIP) 18 Apr/avr 2003 (18.04.2003)  
(71, 72) **ABDOU, Sammy, M.** [US/US]; 7790 Doug Hill, San Diego, CA 92127 (US).  
(74) **HERNANDEZ, Fred, C.**; Fish & Richardson P.C., 12390 El Camino Real, San Diego, CA 92130 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 18/14, A61M 25/01  
(11) WO 2004/093703 (13) A1  
(21) PCT/US2004/008002  
(22) 16 Mar/mar 2004 (16.03.2004)  
(25) en (26) en  
(30) 10/402,891 28 Mar/mar 2003 US (28.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • COOLED ABLATION CATHETER  
• CATHETER D'ABLATION REFROIDI  
(71) **SCIMED LIFE SYSTEMS INC.** [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) **KOBLISH, Josef** [US/US]; 3898 Magnolia Drive, Apt # 14, Palo Alto, CA 94306 (US).  
(74) **BURSE, David, T.**; Bingham Mecutchen LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 18/16  
(11) WO 2004/093704 (13) A1  
(21) PCT/KR2004/000933  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) ko (26) en  
(30) 10-2003-0026109 24 Apr/avr 2003 KR (24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ELECTRODE FOR RADIOFREQUENCY TISSUE ABLATION  
• ELECTRODE D'ABLATION DE TISSU PAR RADIOFREQUENCE  
(71, 72) **JUN, Myong-Ki** [KR/KR]; Jukong Apt. 909-403, 41, Burim-Dong, Gwacheon-Shi, Kyunggi-Do 427-804 (KR).  
(74) **LEE, Kwang-Yeon et al.** / etc.; Lee & Kim, 5th Floor, New-Seoul Bldg., 828-8, Yoksam-1 Dong, Kangnam-Ku, Seoul 135-935 (KR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 19/00  
(11) WO 2004/093705 (13) A2  
(21) PCT/US2004/010590  
(22) 5 Apr/avr 2004 (05.04.2004)  
(25) en (26) en  
(30) 10/422,409 23 Apr/avr 2003 US (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ASSEMBLY FOR BREAST IMMOBILIZATION  
• ENSEMBLE D'IMMOBILISATION DE LA POITRINE  
(71) **SCIMED LIFE SYSTEMS INC.** [US/US]; One SciMed Place, Maple Grove, MN 55311-1566 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) **RIOUX, Robert** [US/US]; 5 Esther Ln, Ashland, MA 01721 (US). **DICARLO, Paul** [US/US]; 10 Starrett Avenue, Middleboro, MA 02346 (US).  
(74) **BURSE, David, T.**; BINGHAM MC-CUTCHEM LLP, Three Embarcadero Center, Suite 1800, San Francisco, CA 94111-4067 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61B 19/10, B65D 83/10  
(11) WO 2004/093706 (13) A1  
(21) PCT/AU2004/000533  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en  
(30) 2003901949 24 Apr/avr 2003 AU (24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SCALPEL BLADE REMOVER  
• DISPOSITIF DE RETRAIT DE LAME DE SCALPEL  
(71) **QLICKSMART PTY LTD** [AU/AU]; 51 Jane Street, West End, Qld 4101 (AU).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HENRY, Robert, Anthony, Neville [AU/AU]; 27 Yarawa Street, Kenmore, Qld 4069 (AU).

(74) CULLEN & CO.; Level 26, 239 George Street, Brisbane, QLD 4000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C

(11) WO 2004/093707 (13) A2

(21) PCT/US2004/010567

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/464,958 23 Apr/avr 2003 US (23.04.2003)

(30) 60/532,385 26 Dec/déc 2003 US (26.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ONE PIECE DENTAL IMPLANT AND USE THEREOF IN PROSTODONTIC AND ORTHODONTIC APPLICATIONS  
• IMPLANT DENTAIRE MONOBLOC ET SON UTILISATION POUR DES APPLICATIONS PROSTODONTIQUES ET ORTHODONTIQUES

(71, 72) BULARD, Ronald, A. [US/US]; 2405 Oak Hollow W.W., Ardmore, OK 73401 (US). HADWIN, Stephen, J. [US/US]; 1606 Rosedale Street, Ardmore, OK 73401 (US).

(74) BRISCOE, Kurt, G.; Norris McLaughlin & Marcus, P.A., 30th Floor, 220 East 42nd Street, New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C

(11) WO 2004/093708 (13) A2

(21) PCT/US2004/008042

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/420,302 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INJECTION MOLDED ENDODONTIC BRUSH  
• BRÔSSE ENDODONTIQUE MOULEE PAR INJECTION

(71, 72) RUDDLE, Clifford, J. [US/US]; 227 Las Alturas Road, Santa Barbara, CA 93103 (US).

(74) SOIFER, Jonathan, P.; Suite 200, 12412 Powerscourt Drive, St. Louis, MO 63131-3615 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C

(11) WO 2004/093709 (13) A2

(21) PCT/US2004/008409

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/397,545 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VALVE SYRINGE  
• SERINGUE A SOUPE

(71) ULTRADENT PRODUCTS, INC. [US/US]; 505 West 10200 South, South Jordan, UT 84905 (US).

(72) BILLS, Dan, J.; 7636 South Steffensen Drive, Salt Lake City, UT 84121 (US). FISCHER, Dan, E.; 10444 South Dimple Dell Road, Sandy, UT 84093 (US). MCLEAN, Bruce, S.; 12091 South Millridge Road, Sandy, UT 84094 (US).

(74) NYDEGGER, Rick, D. et al. / etc.; Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61C 1/05, 1/08, 1/12, 1/18

(11) WO 2004/093710 (13) A1

(21) PCT/RU2003/000420

(22) 26 Sep/sep 2003 (26.09.2003)

(25) en (26) en

(30) 2003112061 24 Apr/avr 2003 RU (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DENTAL HANDPIECE  
• PIÈCE À MAIN DENTAIRE

(71, 72) ROGOVSKY, Yury Mikhailovich [RU/RU]; Frunzenskaya naberezhnaya, 50-427, Moscow, 119270 (RU).

(74) EGOROVA, Galina et al. / etc.; Gorodisky & Partners law Firm Ltd., Bolshaya Spasskaya, 25-3, Moscow, 129010 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C 3/00, 7/00

(11) WO 2004/093711 (13) A1

(21) PCT/US2004/011985

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/462,839 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SELF-LOCKING POWER COMPONENT FOR ORTHODONTIC APPLICATIONS  
• ELEMENT ACTIF AUTOVERROUILLABLE POUR APPAREILS ORTHODONTIQUES

(71, 72) DONAL, Inman, P. [US/US]; 9381 W. Sample Road, Coral Springs, FL 33065 (US).

(74) LINIHAN, Martin, G. et al. / etc.; Hodgson Russ LLP, One M & T Plaza, Suite 2000, Buffalo, NY 14203-2391 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C 5/02

(11) WO 2004/093712 (13) A1

(21) PCT/CH2004/000239

(22) 20 Apr/avr 2004 (20.04.2004)

(25) fr (26) fr

(30) 03/05019 24 Apr/avr 2003 FR (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • INSTRUMENT FOR DRILLING RADICULAR CHANNELS  
• INSTRUMENT POUR L'ALEPAGE DE CANAUX RADICULAIRES

(71) ROULLER, Jean-Claude [CH/CH]; Abraham-Robert 49, CH-2300 La Chaux-de-Fonds (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BREGUET, Olivier [CH/CH]; Chemin de Jolimont 2, CH-2400 Le Locle (CH).

(74) NITHARDT, Roland; Cabinet Roland Nithardt, Conseils en Propriété Industrielle S.A., Y-Parc / 9, rue Galilée, CH-1400 Yverdon-les-Bains (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61C 7/30, 7/28

(11) WO 2004/093713 (13) A1

(21) PCT/US2004/003682

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 10/393,095 20 Mar/mar 2003 US (20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • ORTHODONTIC BRACE WITH SELF-RELEASING APPLIANCES  
• ARC ORTHODONTIQUE POUR VU D'APPAREILS A AUTOLIBERATION

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAI, Ming-Lai [CN/US]; 3M, 2724 South Peck Road, Monrovia, CA 91016 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61C 8/00

(11) WO 2004/093714 (13) A1

(21) PCT/FR2004/000822

(22) 1 Apr/avr 2004 (01.04.2004)

(25) fr (26) fr

(30) 03/04731 16 Apr/avr 2003 FR (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHOD FOR REVERSIBLE FIXING OF A TOOL TO AN IMPLANTABLE ELEMENT AND DEVICE FOR CARRYING OUT SUCH A FIXING METHOD  
• PROCÉDE DE FIXATION REVERSIBLE D'UN OUTIL SUR UN ELEMENT IMPLANTABLE ET DISPOSITIF POUR LA MISE EN OEUVRE D'UN TEL PROCÉDE DE FIXATION

(71, 72) TANIMURA, Rémy [FR/FR]; 74 bis, boulevard Maurice Barrès, F-92200 Neuilly sur Seine (FR).

(74) HECKE, Gérard et al. / etc.; Cabinet Hecke, WTC Europole, 5, place Robert Schuman, BP 1537, F-38025 Grenoble Cédex 1 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61C 8/00

(11) WO 2004/093715 (13) A1

(21) PCT/KR2004/000900

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10-2003-0025525 22 Apr/avr 2003 KR (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • DENTAL PIN IMPLANT  
• TIGE D'IMPLANT DENTAIRE

(71, 72) LEE, Sung-Bok [KR/KR]; Dept. of Prosthodontics, College of Dentistry, Kyung Hee University 1 Hoeki-dong Dongdaemoon-gu, Seoul 130-702 (KR).

(74) LEE, Yeong-Pil; The Cheonghwa Bldg., 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C 13/00, B05C 17/005

(11) WO 2004/093716 (13) A1

(21) PCT/EP2004/004214

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 203 06 269.8 22 Apr/avr 2003 DE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • MODELLING DEVICE  
• DISPOSITIF DE MODELAGE

(71) FURTWÄNGLER, Walter [DE/DE]; Romäusring 11, 78050 Villingen-Schwenningen (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FURTWÄNGLER, Bernhard [DE/DE]; Romäusring 11, 78050 Villingen-Schwenningen (DE).

(74) SOBISCH, Peter et al. / etc.; Sobisch & Calies, Odastrasse 4a, 37581 Bad Gandersheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C 15/04, B65D 85/672, 75/30

(11) WO 2004/093717 (13) A1

(21) PCT/NZ2004/000079

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 525470 23 Apr/avr 2003 NZ (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CREDIT CARD TYPE DISPENSER FOR FILAMENTARY MATERIALS  
• DISTRIBUTEUR DE TYPE CARTE DE CREDIT POUR MATERIAUX FILIFORME

(71, 72) KERNOT, Christopher, Joseph [NZ/VU]; Po Box 5025, Port Vila (VU).

(74) ADAMS, Matthew, D., et al. / etc.; A JPark, 6th Floor Huddart Parker Building, PO Box 949, 6015 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C 17/22, A46D 1/00

(11) WO 2004/093718 (13) A1

(21) PCT/CH2003/000263

(22) 22 Apr/avr 2003 (22.04.2003)

(25) de (26) de

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BRUSH HEAD FOR AN ELECTRIC TOOTHBRUSH  
• TETE DE BROUSSE A DENTS ELECTRIQUE

(71) TRISA HOLDING AG [CH/CH]; Kantonstrasse, CH-6234 Triengen (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FISCHER, Franz [CH/CH]; Bätzenmoos, CH-6234 Triengen (CH). GROSS,

Peter [CH/CH]; Seeblick 4, CH-6204 Sem-pach (CH).

(74) SCHAAD, BALASS, MENZL & PARTNER AG; Dufourstrasse 101 / Postfach, CH-8034 Zürich (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61C 17/34, 17/22, A61H 13/00

(11) WO 2004/093719 (13) A2

(21) PCT/US2004/011803

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/464,787 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTRIC TOOTHBRUSHES  
• BROSSES A DENTS ELECTRIQUES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAN, John, Geoffrey [US/US]; 3641 Nantucket Drive, Apt. B, Loveland, OH 45140 (US). GALL, Douglas, A. [US/US]; 14591 Mill Hollow Lane, Strongsville, OH 44136 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61F

(11) WO 2004/093720 (13) A2

(21) PCT/IL2004/000340

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,120 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD POSITIONING A THERAPEUTIC PROBE WITH RESPECT TO A THERAPEUTIC TARGET

• DISPOSITIF ET PROCEDURE POUR POSITIONNER UNE SONDE THERAPEUTIQUE PAR RAPPORT A UNE CIBLE THERAPEUTIQUE

(71) GALIL MEDICAL LTD. [IL/IL]; Yokneam Industrial Park, P.O. Box 224, Yokneam, 20 692 (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HILLELY, Ron [IL/IL]; Af-Al-Pe Chen 3, IL-30900 Zichron Yaakov (IL).

(74) G.E. EHRlich (1995) LTD.; 11 Menachem Begin Street, Ramat-Gan 52 521 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61F

(11) WO 2004/093721 (13) A2

(21) PCT/US2003/037030

(22) 18 Nov/nov 2003 (18.11.2003)

(25) en (26) en

(30) 10/395,763 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SPINAL BRACE  
• ORTHESE RACHIDIENNE

(71) DERoyal INDUSTRIES, INC. [US/US]; 200 DeBusk Lane, Powell, TN 37849 (US).

(72) MODGLIN, Michael, D.; 182 Nuggett Tri., Braselton, GA 30517-1883 (US).

- (74) **FOX, Robert, O.** et al. / etc.; Luedeka, Neely & Graham, PC, P.O. Box 1871, Knoxville, TN 37901 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61F
- (11) **WO 2004/093722** (13) A2
- (21) PCT/US2004/010454
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) en (26) en
- (30) 60/460,322 **4 Apr/avr 2003 (04.04.2003)** US
- (30) 10/817,479 **2 Apr/avr 2004 (02.04.2004)** US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TOPICAL TREATMENT OF DERMATOLOGICAL DISORDERS ASSOCIATED WITH REACTIVE OR DILATED BLOOD VESSELS
- TRAITEMENT TOPIQUE DE TROUBLES DERMATOLOGIQUES ASSOCIES A DES VAISSEAUX SANGUINS REACTIFS OU DILATES
- (71, 72) **YU, Ruey, J.** [US/US]; 655 Stump Road, Chalfont, PA 18914 (US). **VAN SCOTT, Eugene, J.** [US/US]; 3 Hidden Lane, Abington, PA 19001 (US).
- (74) **BULLOCK, Kristyne, A.** et al. / etc.; Akin Gump Strauss Hauer & Feld, LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61F
- (11) **WO 2004/093723** (13) A2
- (21) PCT/US2004/010961
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 10/420,803 **23 Apr/avr 2003 (23.04.2003)** US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INFLATABLE INTERVERTEBRAL DISC REPLACEMENT PROSTHESIS
- PROTHESE DE REMPLACEMENT DE DISQUE INTERVERTEBRAL GONFLABLE
- (71, 72) **SUDDABY, Loubert** [US/US]; 76 Tanglewood Drive, Orchard Park, NY 14127 (US).
- (74) **FALLOW, Charles, W.**; Shoemaker and Mattare, 10 Post Office Road, Suite 100, Silver Spring, MD 20910 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61F
- (11) **WO 2004/093724** (13) A2
- (21) PCT/US2004/011220
- (22) **9 Apr/avr 2004 (09.04.2004)**
- (25) en (26) en
- (30) 10/420,048 **21 Apr/avr 2003 (21.04.2003)** US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POSITIVE-PRESSURE RECTAL INCONTINENCE PAD
- TAMPON D'INCONTINENCE RECTALE A PRESSION POSITIVE
- (71, 72) **VISCOMI, Dominic, A.** [US/US]; 1868 Felicity La., Hellertown, PA 18055 (US). **VISCOMI, Brian, D.** [US/US]; 500 Central Ave., Union City, N.J. 07087 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> A61F
- (11) **WO 2004/093725** (13) A2
- (21) PCT/US2004/011444
- (22) **14 Apr/avr 2004 (14.04.2004)**
- (25) en (26) en
- (30) 60/463,623 **16 Apr/avr 2003 (16.04.2003)** US
- (30) 60/470,585 **15 May/mai 2003 (15.05.2003)** US
- (30) 10/746,311 **24 Dec/déc 2003 (24.12.2003)** US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMPLANTABLE ULTRASOUND SYSTEMS AND METHODS FOR ENHANCING LOCALIZED DELIVERY OF THERAPEUTIC SUBSTANCES
- SYSTEMES ULTRASONORES IMPLANTABLES ET PROCÉDES POUR AMELIORER L'ADMINISTRATION LOCALISEE DE SUBSTANCES THERAPEUTIQUES
- (71) **CYTODOME, INC.** [US/US]; 3640 North Allwood Place, Tucson, AZ 85750 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) **HEART, Gill**; 3640 North Allwood Place Tucson, AZ 85750 (US). **TOLKOWSKY, Gideon**; 3 Ha'Congress Ha'Zioni Street, Herzliya, Israel 46753 (IL). **BRISKEN, Axel**; 764 Boar Circle, Fremont, CA 94539 (US). **KARRATT, Joe**; 380 Valjejo Drive, #223, Millbrae, CA 94030 (US).
- (74) **BOOKSTEIN, Arthur, Z.**; Kirkpatrick & Lockhart, LLP, 75 State Street, Boston, MA 02109-1808 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61F
- (11) **WO 2004/093726** (13) A2
- (21) PCT/US2004/011614
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 10/418,483 **18 Apr/avr 2003 (18.04.2003)** US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • REPLACEMENT MITRAL VALVE
- VALVULE MITRALE DE REMPLACEMENT
- (71, 72) **SEDRAANSK, Kyra, L.** [US/US]; 5440 Marnelli Road #421, North Bethesda, MD 20852 (US).
- (74) **KOCOVSKY, Thomas, E., Jr.**; Fay, Sharpe, Fagan, Minnich & McKee, LLP, Seventh Floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

- MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> A61F  
(11) WO 2004/093727 (13) A2  
(21) PCT/US2004/011788  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 10/419,307 18 Apr/avr 2003 US  
(18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • VERSATILE HARDENABLE CAST OR  
SUPPORT  
• MOULAGE OU SUPPORT DURCIS-  
SABLE POLYVALENT
- (71) ROYCE MEDICAL COMPANY [US/US];  
742 Pancho Road, Camarillo, CA 93012  
(US).
- (72) GRIM, Tracy, E.; 9819 South Richmond  
Avenue, Tulsa, OK 74137 (US). HENDER-  
SON, Wendy, J.; 616 Livingston Avenue,  
Ventura, CA 93003 (US). LONG, Kelly, M.;  
6318 Jackie Avenue, Woodland Hills, CA  
91367 (US). IGLESIAS, Joseph, M.; 742  
Pancho Road, Camarillo, CA 93012 (US).  
CAMPOS, Michael; 1168 East Collins  
Street, El Rio, CA 93030 (US).
- (74) ROSE, Alan, C. et al. / etc.; Fulwider Patton  
Lee & Utecht, LLP, Howard Hughes Center,  
6060 Center Drive, Tenth Floor, Los Angeles,  
CA 90045 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
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(11) WO 2004/093728 (13) A2  
(21) PCT/US2004/011828  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 10/419,706 18 Apr/avr 2003 US  
(18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PERCUTANEOUS TRANSCATHETER  
HEART VALVE REPLACEMENT  
• REMPLACEMENT DE VALVULES  
CARDIAQUES PAR TRANSCATHE-  
TER PERCUTANE
- (71, 72) KHAIRKHAHAN, Alexander  
[US/US]; 1105 Lincoln Avenue, Palo Alto,  
CA 94301 (US).
- (74) BAINS, Nena et al. / etc.; Townsend And  
Townsend And Crew LLP, Two Embarcadero  
Center, 8th Floor, San Francisco, CA 94111-  
3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
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VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> A61F  
(11) WO 2004/093729 (13) A2  
(21) PCT/US2004/012002  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 10/418,480 18 Apr/avr 2003 US  
(18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • EXPANDABLE IMPLANT FOR PAR-  
TIAL DISC REPLACEMENT AND  
REINFORCEMENT OF A DISC PAR-  
TIALLY REMOVED IN A DISCEC-  
TOMY AND FOR REDUCTION AND  
MAINTENANCE OF ALIGNMENT OF  
CANCELLOUS BONE FRACTURES  
AND METHODS AND APPARATUS  
FOR SAME  
• IMPLANT DILATABLE DE PROTHESE  
PARTIELLE DE DISQUE ET RENFORT  
D'UN DISQUE RETIRE PARTIEL-  
LEMENT DANS UNE DISCECTO-  
MIE ET POUR LA REDUCTION ET  
L'ENTRETIEN D'ALIGNEMENT DE  
FRACTURES D'OS SPONGIEUX ET  
PROCEDES ET APPAREILS AFFE-  
RENTS
- (71, 72) THOMAS, James, C., Jr. [US/US];  
1005 Championship Court, Las Vegas, NV  
89134 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) FORSTER, David, C., Jr. [US/US];  
1350 Cloud Avenue, Menlo Park, CA 94025  
(US). MAST, Gregory, M. [US/US]; 36281  
Larch Way, Fremont, CA 94536 (US).  
ROWE, Travis [US/US]; 36835 Oak Street,  
Fremont, CA 94536 (US).
- (74) DALY, Thomas, J.; Christie, Parker & Hale,  
LLP, Post Office Box 7068, Pasadena, CA  
91109-7068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM
- PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
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DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> A61F  
(11) WO 2004/093730 (13) A2  
(21) PCT/US2004/012229  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 10/418,834 21 Apr/avr 2003 US  
(21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD AND REPAIR DEVICE FOR  
TREATING MITRAL VALVE INSUFFI-  
CIENCY  
• PROCEDE ET DISPOSITIF DE RE-  
PARATION POUR LE TRAITEMENT  
D'UNE INSUFFISANCE DE LA VAL-  
VULE MITRALE
- (71) MEDTRONIC VASCULAR, INC.  
[US/US]; 3576 Unocal Place, Santa Rosa,  
CA 95403 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) SAINT, Sean, T. [US/US]; c/o Decom  
Inc., 6725 Mesa Ridge Road, San Diego, CA  
92121 (US). DOUK, Nareak [US/US]; 905  
Lakeview Avenue, Lowell, MA 01850 (US).  
RAFIEE, Nasser [US/US]; 39 Abbot Street,  
Andover, MA 01810 (US).
- (74) NICHOLAS, Frank, C.; Cardinal Law  
Group, Suite 2000, 1603 Orrington Avenue,  
Evanston, IL 60201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
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VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> A61F  
(11) WO 2004/093731 (13) A2  
(21) PCT/US2004/012521  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en  
(30) 60/464,766 23 Apr/avr 2003 US  
(23.04.2003)  
(30) 10/829,573 22 Apr/avr 2004 US  
(22.04.2004)  
(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • IMPLANTABLE CARDIAC ASSIST DE-  
VICE  
• DISPOSITIF D'ASSISTANCE CAR-  
DIAQUE IMPLANTABLE
- (71, 72) COLEMAN, Edward, J. [US/US]; 905  
South Monroe Avenue, Green Bay, WI 54301  
(US). COLEMAN, Gerard, T. [US/US];  
5501 Swan Drive, Galveston, TX 77551  
(US). NEILL, William, T. [US/US]; 730  
Brinsmere Drive, EIM grove, WI 53122  
(US).
- (74) FRENCHICK, Grady, J. et al. / etc.;  
Michael Best & Friedrich LLP, One South  
Pinckney Street, P.O. Box 1806, Madison,  
WI 53701-1806 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
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MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> A61F  
(11) WO 2004/093732 (13) A2  
(21) PCT/US2004/012665  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 10/420,648 21 Apr/avr 2003 US  
(21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MOBILE BEARING PROSTHESES  
• PROTHESES DE SUPPORT MOBILES
- (71, 72) HYDE, EDWARD, R., Jr. [US/US];  
2995 Woodside Road, Suite 400-149, Wood-  
side, CA 94062-2446 (US).
- (74) KOHLER, Thomas, D. et al. / etc.; Mor-  
gen, Lewis & Bockius LLP, 3300 Hillview  
Avenue, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
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GM HR HU ID IL IN IS JP KE KG KP KR  
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VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> A61F  
(11) WO 2004/093733 (13) A2  
(21) PCT/US2004/006086  
(22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 10/393,044 21 Mar/mar 2003 US  
(21.03.2003)
- (30) 10/671,348 29 Sep/sep 2003 US  
(29.09.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DEVICE FOR FORMING A HARD-  
ENED CEMENT IN A BONE CAVITY  
• DISPOSITIF PERMETTANT DE FOR-  
MER UN CIMENT DURCI DANS UNE  
CAVITE OSSEUSE
- (71, 72) LIN, Jiin-Huey, Chern [US/US]; 911  
Tower Road, Winnetka, IL 60093 (US). JU,  
Chien-Ping [US/US]; 16 Pinewood Drive,  
Carbondale, IL 62901 (US).
- (74) FICHTER, Richard, E. et al. / etc.; Bacon  
& Thomas, PLLC, 625 Slaters Lane, 4th floor,  
Alexandria, VA 22314 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
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GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
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VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
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(11) WO 2004/093734 (13) A2  
(21) PCT/US2004/007422  
(22) 11 Mar/mar 2004 (11.03.2004)  
(25) en (26) en  
(30) 60/461,338 8 Apr/avr 2003 US  
(08.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PREMIXED SELF-HARDENING BONE  
GRAFT PASTES  
• PATES POUR GREFFE OSSEUSE AU-  
TODURCISSANTES PREMELANGEES
- (63) US 10/057,554 (CIP)  
23 Jan/jan 2002 (23.01.2002)
- (71) ADA FOUNDATION [US/US]; 211 East  
Chicago Avenue, Chicago, Illinois 60611  
(US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) CHOW, Laurence, C. [US/US]; 20517  
Anndyke Way, Germantown, Maryland  
20874 (US). TAKAGI, Shozo [JP/US]; 17  
Leatherleaf Court, Gaithersburg, Maryland  
20878 (US).
- (74) ROKOS, Rebecca, P.; BANNER & WIT-  
COFF, LTD., 10 South Wacker Drive, Suite  
3000, Chicago, Illinois 60606-7407 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM
- PG PH PL PT RO RU SC SD SE SG SK SL  
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/ brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
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MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Declarations / Déclarations :  
(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
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MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
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GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(t) for all designations / pour toutes les  
désignations
- 
- (51)<sup>7</sup> A61F  
(11) WO 2004/093735 (13) A2  
(21) PCT/US2004/007988  
(22) 27 Mar/mar 2004 (27.03.2004)  
(25) en (26) en  
(30) 10/403,452 31 Mar/mar 2003 US  
(31.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EASY DROP  
• FLACON COMPTE-GOUTTES  
D'EMPLOI FACILE
- (71, 72) INFANTOLINO, Angelo [US/US];  
3800 Rachel Terrace, #1, Pine Brook, NJ  
07058 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
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GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
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VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Declarations / Déclarations :  
(s) for all designations / pour toutes les  
désignations  
(t) for all designations / pour toutes les  
désignations  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> A61F  
(11) WO 2004/093736 (13) A2  
(21) PCT/US2004/008576  
(22) 19 Mar/mar 2004 (19.03.2004)  
(25) en (26) en



(30) 10/410,617 **8 Apr/avr 2003** US  
(08.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVED ULTRASOUND  
CATHETER DEVICES AND METHODS  
• CATHETERS A ULTRASON AME-  
Liores et procedes associes

(71) FLOWCARDIA, INC. [US/US]; 745 North  
Pastoria Avenue, Sunnyvale, CA 94085 (US).  
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les États désignés sauf US)

(72, 75) NITA, Henry [US/US]; 2047 Seabrook  
Court, Redwood City, CA 94065 (US).  
SARGE, Jeff [US/US]; 647 Lonsdale Ave-  
nue, Fremont, CA 94539 (US). NGUYEN,  
Simon [US/US]; 2564 Dumont Court, San  
Jose, CA 95122 (US). SPANO, Richard  
[US/US]; 9530 Estates Drive, Gilroy, CA  
95020 (US).

(74) SMITH, Scott, M. et al. / etc.; TOWNSEND  
AND TOWNSEND AND CREW LLP, Two  
Embarcadero Center, 8th Floor, San Fran-  
cisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
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VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
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CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
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GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> A61F 2/00, A61L 31/10, 15/28, 15/64,  
31/04

(11) WO 2004/093737 (13) A1

(21) PCT/EP2004/003849

(22) 13 Apr/avr 2004 (13.04.2004)

(25) de (26) de

(30) 103 18 801.0 **17 Apr/avr 2003** DE  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLANAR IMPLANT AND SURGICAL  
USE THEREOF  
• IMPLANT PLAT ET UTILISATION EN  
CHIRURGIE

(71) AESCULAP AG & CO. KG [DE/DE]; Am  
Aesculap-Platz, 78532 Tuttlingen (DE).

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les États désignés sauf US)

(72, 75) ODERMATT, Erich, K. [CH/CH];  
Fernsichtstrasse 7a, CH-8200 Schaffhausen  
(CH). ABLE, Wolfgang [DE/DE]; Stock-  
acher Strasse 22, 78532 Tuttlingen (DE).  
WEGMANN, Jürgen [DE/DE]; Goethes-  
trasse 10, 78573 Wurlingen (DE).

(74) RUFF, WILHELM, BEIER, DAUSTER  
& PARTNER; Kronenstrasse 30, 70174  
Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
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ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 2/01

(11) WO 2004/093738 (13) A2

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(22) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 10/400,751 **27 Mar/mar 2003** US  
(27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RADIOPAQUE EMBOLIC PROTEC-  
TION FILTER MEMBRANE  
• MEMBRANE FILTRANTE DE  
PROTECTION EMBOLIQUE RA-  
DIO-OPAQUE

(71) SCIMED LIFE SYSTEMS, INC. [US/US];  
One Scimed Place, Maple Grove, MN 55311  
(US).

(72, 75) TALPADE, Dnyanesh [US/US]; 4903  
Arrowood Lane, Plymouth, MN 55442 (US).  
HIRSHMAN, Peter [US/US]; 4363 Sheri-  
dan Avenue North, Minneapolis, MN 55412  
(US). CHIN, Yem [US/US]; 35 Univer-  
sity Avenue, Burlington, MA 01803 (US).  
ZHONG, Sheng-Ping [CN/US]; 21 Charina  
Road, Northborough, MA 01532 (US).

(74) SEAGER, Glenn, M.; Crompton Seager &  
Tuftte LLC, 1221 Nicollet Avenue, Suite 800,  
Minneapolis, MN 55403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
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VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
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MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> A61F 2/01, C22F 1/00

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(21) PCT/US2004/005425

(22) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 10/400,014 **26 Mar/mar 2003** US  
(26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR MANUFACTURING  
MEDICAL DEVICES FROM LINEAR  
ELASTIC MATERIALS WHILE MAIN-  
TAINING LINEAR ELASTIC PROPER-  
TIES

• PROCEDE DE FABRICATION DE  
DISPOSITIFS MEDICAUX A PAR-  
TIR DE MATERIAUX ELASTIQUES  
LINEAIRES AVEC CONSERVATION  
DES PROPRIETES ELASTIQUES LI-  
NEAIRES

(71) SCIMED LIFE SYSTEMS, INC. [US/US];  
One Scimed Place, Maple Grove, MN 55311  
(US).

(72, 75) BOISMIER, Dennis, A. [US/US];  
26050 Oak Leaf Trail, Shorewood, MN  
55331 (US).

(74) SEAGER, Glenn, M.; Crompton Seager &  
Tuftte LLC, 1221 Nicollet Avenue, Suite 800,  
Minneapolis, MN 55403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> A61F 2/01

(11) WO 2004/093740 (13) A1

(21) PCT/US2004/006325

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/405,546 **2 Apr/avr 2003** US  
(02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANCHORING MECHANISMS FOR IN-  
TRAVASCULAR DEVICES

• MECANISMES D'ANCRAGE POUR  
DISPOSITIFS INTRAVASCULAIRES

(71) SCIMED LIFE SYSTEMS INC. [US/US];  
ONE SCIMED PLACE, MAPLE GROVE,  
MINNESOTA 55311 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BEULKE, MEL R. [US/US]; 7900  
WEST 103RD STREET, BLOOMINGTON,  
MINNESOTA 55438 (US). LOWE, BRIAN

- J. [US/US]; 15027 289TH AVENUE NW, ZIMMERMAN, MINNESOTA 55398 (US).  
**SPENCER, STEVEN M.** [US/US]; 2529 - 33RD AVENUE SOUTH, MINNEAPOLIS, MINNESOTA 55406 (US).
- (74) **SEAGER, Glenn, M.**; CROMPTON SEAGER & TUFTE LLC, 1221 NICOLLET AVENUE, SUITE 800, MINNEAPOLIS, MINNESOTA 55403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61F 2/01  
 (11) WO 2004/093741 (13) A1  
 (21) PCT/US2004/006340  
 (22) 1 Mar/mar 2004 (01.03.2004)  
 (25) en (26) en  
 (30) 10/405,547 2 Apr/avr 2003 US (02.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • FILTER AND METHOD OF MAKING A FILTER  
 • FILTRE ET PROCEDE DE FABRICATION DE CELUI-CI
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).
- (72, 75) KROLIK, JEFF [US/US]; 120 North Third Street, Campbell, CA 95008 (US).  
**VINH VO, HOA** [US/US]; 565 Hacienda Avenue #203, Campbell, CA 95008 (US).
- (74) **SEAGER, Glenn, M.**; Crompton Seager & Tuftte LLC, 1221 Nicollet Avenue, Suite 800, Minneapolis, MN 55403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> A61F 2/01  
 (11) WO 2004/093742 (13) A1  
 (21) PCT/US2004/007361  
 (22) 10 Mar/mar 2004 (10.03.2004)
- (25) en (26) en
- (30) 10/410,896 11 Apr/avr 2003 US (11.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EMBOLIC FILTER LOOP FABRICATED FROM COMPOSITE MATERIAL  
 • BOUCLE DE FILTRE EMBOLIQUE FABRIQUE A PARTIR D'UNE MATIERE COMPOSITE
- (71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, Minnesota 55311 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BOISMIER, Dennis, A.** [US/US]; 26050 Oak Leaf Trail, Shorewood, Minnesota 55331 (US).  
**PALLAZZA, Stefan** [US/US]; 6301 Quinwood Lane, Maple Grove, Minnesota 55369 (US).
- (74) **SEAGER, Glenn M.**; Crompton Seager & Tuftte LLC, 1221 Nicollet Avenue, Suite 800, Minneapolis, Minnesota 55403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> A61F 2/02  
 (11) WO 2004/093743 (13) A1  
 (21) PCT/US2004/011903  
 (22) 16 Apr/avr 2004 (16.04.2004)  
 (25) en (26) en  
 (30) 60/463,036 16 Apr/avr 2003 US (16.04.2003)  
 (30) 60/496,684 21 Aug/août 2003 US (21.08.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CRANIOFACIAL IMPLANT  
 • IMPLANT CRANIOFACIAL
- (71) POREX SURGICAL, INC. [US/US]; 15 Dart Road, Newnan, GA 30265-1017 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71) **SWORDS, Greg** [US/US]; 821 Ralph McGill Boulevard, #3333, Atlanta, GA 30306 (US).  
*(only for / seulement pour US)*
- (74) **AITKEN, Andrew, C.**; Venable LLP, P.O. Box 34385, Washington, DC 20043-9998 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> A61F 2/06, A61M 1/36  
 (11) WO 2004/093744 (13) A1  
 (21) PCT/FR2003/001003  
 (22) 1 Apr/avr 2003 (01.04.2003)  
 (25) fr (26) fr  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • AORTIC PROSTHESIS COMPRISING A QUICK-ACTING DEVICE FOR CONNECTION TO THE EXTRACORPOREAL CIRCULATION  
 • PROTHESE AORTIQUE AVEC DISPOSITIF RAPIDE DE CONNEXION A LA CIRCULATION EXTRA-CORPORELLE
- (71, 72) **ROUX, Daniel** [FR/FR]; 11, chemin des Garrosses, F-31180 Rouffiac-Tolosan (FR).
- (74) **ROMAN, Michel**; Cabinet Roman, 35, rue Paradis, B.P. 224, F-13207 Marseille Cedex 01 (FR).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- 
- (51)<sup>7</sup> A61F 2/06, 2/24  
 (11) WO 2004/093745 (13) A1  
 (21) PCT/US2004/012685  
 (22) 23 Apr/avr 2004 (23.04.2004)  
 (25) en (26) en  
 (30) 60/465,197 23 Apr/avr 2003 US (23.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DEVICES KITS, AND METHODS FOR PLACING MULTIPLE INTRALUMINAL MEDICAL DEVICES IN A BODY VESSEL  
 • DISPOSITIFS, ACCESSOIRES ET PROCEDES DE MISE EN PLACE DE MULTIPLES DISPOSITIFS MEDICAUX INTRALUMINAUX DANS UN VAISSEAU CORPOREL
- (71) **COOK INCORPORATED** [US/US]; 750 Daniels Way, Bloomington, IN 47402 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HOFFA, Andrew, K.** [US/US]; 550 West Fairway Lane, Bloomington, IN 47403 (US).  
**FLAGLE, Jacob, A.** [US/US]; 2320 South Pennsylvania Street, Indianapolis, IN 46225 (US).  
**GARRISON, Michael, L.** [US/US]; 2100 West Sudbury Drive, Bloomington, IN 47403 (US).
- (74) **BUCHANAN, Matthew, J.**; Fraser Martin Buchanan Miller LLC, 132 West Second Street, Perrysburg, OH 43551 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 2/06

(11) WO 2004/093746 (13) A1

(21) PCT/US2004/005695

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 60/458,286 26 Mar/mar 2003 US  
(26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICES AND METHODS FOR  
TREATMENT OF ABDOMINAL AOR-  
TIC ANEURYSM  
• DISPOSITIFS ET PROCÉDES DE  
TRAITEMENT D'ANEVRISMES DE  
L'AORTE ABDOMINALE

(71) THE FOUNDRY INC. [US/US]; 604-D  
Fifth Avenue, Redwood City, CA 94063  
(US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DEEM, Mark [US/US]; 685 Sierra  
Avenue, Mountain View, CA 94041 (US).  
GIFFORD, Hanson, S., III [US/US]; 3180  
Woodside Road, Woodside, CA 94062 (US).  
ANDREAS, Bernard [US/US]; 633 Cali-  
fornia Way, Redwood City, CA 94062 (US).  
CHEW, Sunmi [US/US]; 1599 Martin Aven-  
ue, San Jose, CA 95126 (US). FRENCH,  
Ron [US/US]; 1564 Heatherdale, Santa  
Clara, CA 95050 (US). SUTTON, Doug  
[US/US]; 1595 Adobe Drive, Pacifica, CA  
94044 (US).

(74) HESLIN, James, M. et al. / etc.; Townsend  
and Townsend and Crew LLP, Two Embar-  
cadero Center, 8th Floor, San Francisco, CA  
94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 2/28

(11) WO 2004/093747 (13) A1

(21) PCT/US2004/001172

(22) 16 Jan/jan 2004 (16.01.2004)

(25) en (26) en

(30) 60/460,470 2 Apr/avr 2003 US  
(02.04.2003)

(30) 60/464,870 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TIBIAL AUGMENT CONNECTOR  
• CONNECTEUR DE RENFORT DE TI-  
BIA

(71) ORTHO DEVELOPMENT CORPORA-  
TION [US/US]; 12187 South Business Park  
Drive, Draper, UT 84020 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ENSIGN, Michael, D. [US/US]; 12187  
South Business Park Drive, Draper, UT 84020  
(US).

(74) CANNON, Karl, R.; Clayton, Howarth &  
Cannon, P.C., P.O. Box 1909, Sandy, UT  
84091 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61F 2/30, 2/44

(11) WO 2004/093748 (13) A1

(21) PCT/US2004/005483

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 10/393,464 20 Mar/mar 2003 US  
(20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HEIGHT ADJUSTABLE VERTEBRAL  
BODY AND DISC SPACE REPLACE-  
MENT DEVICES  
• CORPS VERTEBRAL DE HAUTEUR  
REGLABLE ET DISPOSITIFS DE RE-  
CONSTITUTION DE L'ESPACE DIS-  
CAL

(71) SDGI HOLDINGS INC. [US/US]; 300  
Delaware Avenue, Suite 508, Wilmington,  
DE 19801 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BERRY, Brett, M. [US/US]; 3848  
Karissa Ann PIE, Jacksonville, FL 32223  
(US).

(74) REVIS, Paul, R. et al. / etc.; MCLC340, 710  
Medtronic Parkway, Minneapolis, MN 55432  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW  
MX MZ NA NI NO NZ OM PG PH PL PT  
RO SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DK DM DZ EC EE EG ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW  
MX MZ NA NI NO NZ OM PG PH PL PT RO SC  
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG  
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE  
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM  
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH  
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR) OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61F 2/44, 2/46

(11) WO 2004/093749 (13) A1

(21) PCT/CH2004/000244

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 03405284.5 23 Apr/avr 2003 EP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SPONDYLODESIS DEVICE  
• DISPOSITIF DE SPONDYLODESE

(71) SEPITEC FOUNDATION [LI/LI]; Kirch-  
strasse 12, FL-9490 Vaduz (LI).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MAGERL, Friedrich [CH/CH]; Tu-  
tilostrasse 17h, CH-9011 St. Gallen (CH).  
STADLER, Roger [CH/CH]; Münchhalden-  
strasse 7, CH-8008 Zürich (CH). WID-  
MER, Christian [CH/CH]; Wittestrasse 24,  
CH-9430 St. Margrethen (CH).

(74) GRONER, Manfred; Isler & Pedrazzini  
AG, Gotthardstrasse 53, Postfach 6940,  
CH-8023 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61F 2/44

(11) WO 2004/093750 (13) A2

(21) PCT/US2004/012397

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,880 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR DEPOSITING BONE  
GRAFTING MATERIAL

• APPAREIL DE DEPOT DE MATERIAU  
DE GREFFE OSSEUSE

(71) THE CLEVELAND CLINIC FOUNDA-  
TION [US/US]; 9500 Euclid Avenue, Cleve-  
land, OH 44114 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) LIEBERMAN, Isador, H.; 28280 Red  
Raven Road, Pepper Pike, OH 44124 (US).

(74) WESORICK, Richard, S.; Tarolli, Sund-  
heim, Covell & Tummino L.L.P., 526 Su-  
perior Avenue, Suite 1111, Cleveland, OH  
44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61F 2/44

(11) WO 2004/093751 (13) A2

(21) PCT/US2004/007362

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/400,837 27 Mar/mar 2003 US  
(27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VERTEBRAL BODY AND DISC SPACE  
REPLACEMENT DEVICES

• CORPS DE VERTEBRE ET DISPOSI-  
TIFS DE REMPLACEMENT D'ESPACE  
DE DISQUE

(71) SDGI HOLDINGS, INC. [US/US]; 300  
Delaware Avenue Suite 508, Wilmington,  
Delaware 19801 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LANGE, Eric, C. [US/US]; 2457  
Calkins Road, Germantown, Minnesota  
38139 (US). BERRY, Bret, M. [US/US];  
3848 Karissa Ann PIE, Jacksonville, Florida  
32223 (US).

(74) REVIS, Paul, A. et al. / etc.; MC LC340, 710  
Medtronic Parkway, Minneapolis, Minnesota  
55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW  
MX MZ NA NI NO NZ OM PG PH PL PT  
RO SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU AZ  
BA BB BG BR BW BY BZ CA CH CN CO CR CU  
CZ DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX  
MZ NA NI NO NZ OM PG PH PL PT RO SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ  
VC VN YU ZA ZM ZW AP (BW GH GM KE LS  
MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ  
BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY  
CZ DE DK EE ES FI FR GB GR HU IE IT LU MC  
NL PL PT RO SE SI SK TR) OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61F 2/44, 2/46

(11) WO 2004/093752 (13) A2

(21) PCT/US2004/008414

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/404,262 1 Apr/avr 2003 US  
(01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INTERBODY FUSION DEVICE

• DISPOSITIF D'ARTHRODESE

(71) SDGI HOLDINGS, INC. [US/US]; 300  
Delaware Avenue Suite 508, Wilmington, DE  
19801 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MCCOMBE, Peter [AU/AU]; 225  
Wickam Terrace, Brisbane, Australian Cap-  
ital Territory 4000 (AU). BARKER, Thomas,  
B. [US/US]; 7460 Dorrington Cove, Bartlett,  
TN 38133 (US). SEARS, William [AU/AU];  
66-80 Pacific Highway, St. Leonards, New  
South Wales 2065 (AU). WARBOLD,  
David, A. [US/US]; 2380 East Shrewsbury  
Run, Collierville, TN 38017 (US). POW-  
ERS, Russell [US/US]; 1885 Chadwick  
Manor circle, Collierville, TN 38017 (US).

(74) BELDEN, Elisabeth, L. et al. / etc.; MC  
LC340, 710 Medtronic Parkway, Minneapo-  
lis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW  
MX MZ NA NI NO NZ OM PG PH PL PT  
RO SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU AZ  
BA BB BG BR BW BY BZ CA CH CN CO CR CU  
CZ DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX  
MZ NA NI NO NZ OM PG PH PL PT RO SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ  
VC VN YU ZA ZM ZW AP (BW GH GM KE LS  
MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ  
BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY  
CZ DE DK EE ES FI FR GB GR HU IE IT LUMC  
NL PL PT RO SE SI SK TR) OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61F 5/00

(11) WO 2004/093753 (13) A2

(21) PCT/FR2004/000898

(22) 13 Apr/avr 2004 (13.04.2004)

(25) fr (26) fr

(30) 03/04794 16 Apr/avr 2003 FR  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • KIT FOR THE INSERTION OF AN IN-  
TRAGASTRIC IMPLANT, CASE FOR  
INSERTING SUCH AN IMPLANT, AND  
CORRESPONDING PRODUCTION  
METHOD

• KIT D'INTRODUCTION D'UN IM-  
PLANT INTRA-GASTRIQUE, ETUI  
D'INTRODUCTION D'UN TEL IM-  
PLANT ET PROCEDE DE FABRICA-  
TION CORRESPONDANT

(71) COMPAGNIE EUROPEENNE  
D'ETUDE ET DE RECHERCHE DE DIS-  
POSITIFS POUR L'IMPLANTATION  
PAR LAPAROSCOPIE [FR/FR]; Rue  
des Frères Lumière, Z.A. du Château de  
Malissol, F-38200 Vienne (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) GUETTY, Richard, Jean-Claude  
[FR/FR]; 762, Grande Rue, F-01700 Miribel  
(FR).

(74) MARTIN, Didier; Cabinet Didier Martin,  
50, chemin des Verrières, F-69260 Charbon-  
nières Les Bains (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61F 6/04, 6/06, A61H 19/00

(11) WO 2004/093754 (13) A2

(21) PCT/CA2004/000525

- (22) 7 Apr/avr 2004 (07.04.2004)  
(25) en (26) en  
(30) 2,426,350 23 Apr/avr 2003 CA  
(23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • A MULTIUSE/ MULTIPURPOSE AUTOMATIC SHEATH, METHODS AND TOOLS  
• GAINÉ POLYVALENTE AUTOMATIQUE, PROCÉDES ET OUTILS  
(71, 72) AMER, Ame, M. [CA/CA]; 18995 Leslie Street, Sharon, Ontario L0G 1V0 (CA).  
(74) SMART & BIGGAR; Suite 1500, Box 111, 438 University Avenue, Toronto, Ontario M5G 2K8 (CA).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> A61F 6/04  
(11) WO 2004/093755 (13) A1  
(21) PCT/US2004/006102  
(22) 27 Feb/fév 2004 (27.02.2004)  
(25) en (26) en  
(30) 10/417,274 16 Apr/avr 2003 US  
(16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • MAGNETIC CONDOM  
• PRESERVATIF MAGNETIQUE  
(71, 72) SHAPIRO, George [US/US]; 25 Old Sprain Road, Ardsley, NY 10502 (US). NIGRO, Anthony [US/US]; 56 Forest Avenue, Cortland Manor, NY 10567 (US).  
(74) FELDMAN, Marvin; Lackenbach Siegel, LLP, One Chase Road, Scarsdale, NY 10583 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> A61F 7/00  
(11) WO 2004/093756 (13) A1  
(21) PCT/IL2004/000341  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 60/465,128 24 Apr/avr 2003 US  
(24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • URETHRAL WARMING SYSTEM  
• SYSTEME DE CHAUFFAGE URETRAL  
(71) SHELDAN MEDICAL DEVICE LTD. [IL/IL]; P.O.Box 7006, 23100 Migdal Haemek (IL). GALIL MEDICAL LTD. [IL/IL]; P.O. Box 224, 20692 Yokneam (IL). (for all designated States except / pour tous les États désignés sauf US)  
(72, 75) TREYSTMAN, Alex [IL/IL]; P.O. Box 424, 30095 Ramat Yishay (IL). BEN MEIR, Ilan [IL/IL]; 4 Shderot Sinai, 34331 Haifa (IL).  
(74) SANFORD T. COLB & CO. et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> A61F 7/00, A61N 5/00  
(11) WO 2004/093757 (13) A1  
(21) PCT/RU2003/000238  
(22) 27 May/mai 2003 (27.05.2003)  
(25) ru (26) ru  
(30) 2003111851 23 Apr/avr 2003 RU  
(23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • INFRARED PHYSIOTHERAPEUTIC APPARATUS  
• APPAREIL DE PHYSIOTHERAPIE A INFRAROUGE  
(71) ZAKRYTOE AKTSIONERNOE OBSHESTVO NAUCHNO-PROIZVODSTVEN NOE PREDPRIYATIE "GRAVITON" [RU/RU]; ul. Ulyanovskaya, 114-6, Syzran, Samarskaya obl., 446001 (RU). (for all designated States except / pour tous les États désignés sauf US)  
(72, 75) KOTELNIKOV, Valery Petrovich [RU/RU]; ul. Ulyanovskaya, 114-6, Syzran, Samarskaya obl., 446001 (RU).  
(74) FIRM "PATENT SERVICES CENTRE"; ul. Miklukho-Maklaya, 55a, Moscow, 117279 (RU).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A61F 7/00  
(11) WO 2004/093758 (13) A1  
(21) PCT/US2003/028458  
(22) 11 Sep/sep 2003 (11.09.2003)  
(25) en (26) en  
(30) 10/419,705 19 Apr/avr 2003 US  
(19.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PERSONAL WARMING SYSTEMS AND APPARATUSES FOR USE IN HOSPITALS AND OTHER SETTINGS, AND ASSOCIATED METHODS OF MANUFACTURE AND USE  
• SYSTEMES ET APPAREILS DE CHAUFFAGE PERSONNELS A UTILISER DANS DES HOPITAUX OU DANS D'AUTRES ENVIRONNEMENTS, ET LEURS METHODES DE FABRICATION ET D'UTILISATION  
(63) US 10/419,705 (CIP)  
19 Apr/avr 2003 (19.04.2003)  
(71) AMERICAN HEALTHCARE PRODUCTS, INC. [US/US]; 704 - 228th Avenue N.E., Redmond, WA 98053 (US). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) ELLIS, Kent, D. [US/US]; 3220 South Hanford Street, Seattle, WA 98144 (US). SIEGNER, Kenneth, S. [US/US]; 357 Smoke Ridge Trail, Calimesa, CA 92320 (US). WYATT, Charles, C. [US/US]; 1691 North Delilah Street, Corona, CA 92879 (US). WILKERSON, Jack [US/US]; 4040 Blueberry Drive, Eutis, FL 32726 (US).  
(74) ARNETT, Stephen, E. et al. / etc.; Customer No. 25096, Perkins Coie LLP, P.o. Box 1247, Seattle, WA 98111-1247 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A61F 7/03  
(11) WO 2004/093759 (13) A1  
(21) PCT/US2004/004065

- (22) 11 Feb/fév 2004 (11.02.2004)  
 (25) en (26) en  
 (30) 10/394,782 21 Mar/mar 2003 US (21.03.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • THERMAL THERAPY SLEEVE  
 • MANCHON DE TRAITEMENT THERMIQUE  
 (71) KIMBERLY-CLARK WORLDWIDE INC. [US/US]; 401 N. Lake Street, Neenah, Wisconsin 54956 (US).  
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 (72, 75) AGARWAL, Naveen [IN/US]; 318 Charity Circle, Evansville, Indiana 47712 (US). FISH, Jeffrey, E. [US/US]; 2405 Cammie Wages Road, Dacula, Georgia 30019 (US). WEART, Ilona, F. [US/US]; 506 Drifton Way, Woodstock, Georgia 30188 (US). WILLIS, Jeffrey, M. [US/US]; 836 St. Charles Avenue, Unit G, Atlanta, Georgia 30306 (US).  
 (74) GARRISON, Scott, B. et al. / etc.; KIMBERLY-CLARK WORLDWIDE, INC., 401 N. Lake Street, Neenah, Wisconsin 54956 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> A61F 9/00, 9/007, A61B 19/02  
 (11) WO 2004/093760 (13) A1  
 (21) PCT/US2004/008334  
 (22) 18 Mar/mar 2004 (18.03.2004)  
 (25) en (26) en  
 (30) 10/403,809 31 Mar/mar 2003 US (31.03.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • KIT PACKAGING OF DRUG DELIVERY DEVICES WITH USEFUL ADJUNCT ITEMS  
 • CONDITIONNEMENT EN TROUSSE DE DISPOSITIFS DE LIBERATION DE MEDICAMENTS AVEC ELEMENTS AUXILIAIRES UTILES  
 (71) BAUSCH & LOMB INCORPORATED [US/US]; One Bausch & Lomb Place, Rochester, NY 14604 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) HAGEMEIERS, Charles [US/US]; 1089 Noria Street, Laguna Beach, CA 92651 (US).  
 (74) MCGUIRE, Katherine et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 Published / Publiée : (c)

Declaration / Déclaration :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61F 9/007

- (11) WO 2004/093761 (13) A1  
 (21) PCT/US2004/011783  
 (22) 16 Apr/avr 2004 (16.04.2004)  
 (25) en (26) en  
 (30) 60/463,549 16 Apr/avr 2003 US (16.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • OPHTHALMIC MICROSURGICAL INSTRUMENTS  
 • INSTRUMENTS DE MICROCHIRURGIE OPHTHALMIQUE  
 (71) ISCIENCE SURGICAL CORPORATION [US/US]; 1321 Waller St., San Francisco, CA 94117 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) CONSTON, Stanley, R., [US/US]; 148 Rogers Avenue, San Carlos, CA 94070 (US). KUPIECKI, David, J., [US/US]; 1410 Shrader Street, San Francisco, CA 94117 (US). MCKENZIE, John [US/US]; 1742 Eaton Avenue, San Carlos, CA 94070 (US). YAMAMOTO, Ronald, K., [US/US]; 1321 Waller Street, San Francisco, CA 94117 (US).  
 (74) SMITH, Gregory et al. / etc.; 3900 Newpark Mall Rd., Third Floor, Suite 317, Newark, CA 94560 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 Published / Publiée : (c)  
 Declaration / Déclaration :  
 (r) for all designations / pour toutes les désignations  
 (51)<sup>7</sup> A61F 13/08, A61H 23/02  
 (11) WO 2004/093763 (13) A1  
 (21) PCT/DK2004/000123  
 (22) 24 Feb/fév 2004 (24.02.2004)  
 (25) en (26) en  
 (30) PA 2003 00277 24 Feb/fév 2003 DK (24.02.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> A61F 9/007, 9/013, A61B 3/107, 17/32, 17/322  
 (11) WO 2004/093762 (13) A1  
 (21) PCT/US2004/008820  
 (22) 23 Mar/mar 2004 (23.03.2004)  
 (25) en (26) en  
 (30) 60/461,086 7 Apr/avr 2003 US (07.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • BAR-LINK DRIVE SYSTEM FOR A MICROCROKATOMME  
 • SYSTEME D'ENTRAINEMENT A BARRE STABILISATRICE POUR MICROCROKATOMME  
 (71) BAUSCH & LOMB INCORPORATED [US/US]; One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) BARRILE-JOSEPHSON, Craig, A. [US/US]; 16 Musket Lane, Rochester, New York 14624 (US). DOBNER, Michael, H. [US/US]; 18 Bridlewood Trail, Honeoye Falls, New York 14472 (US). KIRCH, James [US/US]; 897 Quaker Road, Scottsville, New York 14546 (US). HALECKI, Peter, J. [US/US]; 275 Pemberton Road, Rochester, New York 14622 (US).  
 (74) SMITH, Michael, L. et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 Published / Publiée : (c)  
 Declaration / Déclaration :  
 (r) for all designations / pour toutes les désignations  
 (51)<sup>7</sup> A61F 13/08, A61H 23/02  
 (11) WO 2004/093763 (13) A1  
 (21) PCT/DK2004/000123  
 (22) 24 Feb/fév 2004 (24.02.2004)  
 (25) en (26) en  
 (30) PA 2003 00277 24 Feb/fév 2003 DK (24.02.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)

- (54) • ELECTRO ACTIVE ELASTIC COMPRESSION BANDAGE
- BANDE DE CONTENTION ELASTIQUE ACTIVE A COMMANDE ELECTRIQUE
- (71) DANFOSS A/S [DK/DK]; DK-6430 Nordborg (DK).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MUNCH-FALS, Jakob [DK/DK]; Tvarvej 70 b, DK-2830 Virum (DK). BENSLIMANE, Momamed, Yahia [DK/DK]; Egevej 76, DK-6430 Nordborg (DK). GRAVESEN, Peter [DK/DK]; Hyldebærvej 6, DK-6430 Nordborg (DK). STENSTRØM, Theiss [DK/DK]; Ørstedsgade 28, DK-6400 Sønderborg (DK).
- (74) DANFOSS A/S; DK-6430 Nordborg (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61F 13/15, 13/56
- (11) WO 2004/093764 (13) A1
- (21) PCT/US2004/000863
- (22) 13 Jan/jan 2004 (13.01.2004)
- (25) en (26) en
- (30) 10/394,361 21 Mar/mar 2003 US (21.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A METHOD OF FORMING A DISPOSABLE, REFASTENABLE ABSORBENT ARTICLE
- METHODE DE FORMATION D'UN ARTICLE ABSORBANT REFIXABLE ET JETABLE
- (71) KIMBERLY-CLARK WORLDWIDE INC. [US/US]; 401 N. Lake Street, Neenah, Wisconsin 54956 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WAGNER, Kenneth, John [US/US]; W6788 Windward Drive, Greenville, Wisconsin 54942 (US). MLINAR, Joseph, Andrew [US/US]; 730 E. Calumet Street, Appleton, Wisconsin 54915 (US).
- (74) CONNELLY, Thomas, J. et al. / etc.; KIMBERLY-CLARK WORLDWIDE, INC., 401 N. Lake Street, Neenah, Wisconsin 54956 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61F 13/82, 5/443
- (11) WO 2004/093766 (13) A1
- (21) PCT/US2004/012114
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 03008982.5 17 Apr/avr 2003 EP (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DISPOSABLE EXCRETA DEVICE
- DISPOSITIF JETABLE POUR EXCREMENTS
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CINELLI, Fabio [IT/IT]; Via Fonte Borea, 101, I-65100 Pescara (IT). COLAIANNI, Antonello [IT/IT]; Via Jasonni, 16, I-65126 Pescara (IT). DENTI, Federica [IT/IT]; Via Tevere, 21, Montesilvano, I-65016 Pescara (IT). JAMES, Martin [GB/IT]; Contrada Macchiano, 45, Montesilvano Colle, I-65016 Pescara (IT). COSTEA, Karin [DE/DE]; Braeunigstr. 10, 67550 Worms (DE). HUHNS, Wolfgang [DE/IT]; Strada dell'Acquedotto, 10, I-66013 Chieti (IT).
- (74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A61F 21/42
- (11) WO 2004/093767 (13) A1
- (21) PCT/US2004/011995
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 60/463,802 18 Apr/avr 2003 US (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INTERPOSITIONAL BIARTICULAR DISK IMPLANT
- IMPLANT DISCOÏDAL BIARTICULAIRE D'INTERPOSITION
- (71) ASCENSION ORTHOPEDICS, INC. [US/US]; 8200 Cameron Road, Suite C-140, Austin, TX 78754-3823 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OGILVIE, William, F. [US/US]; 1408 West 12th Street, Austin, TX 78703 (US).
- (74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61G

(11) WO 2004/093768 (13) A2

(21) PCT/US2004/012178

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/419,528 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PORTABLE X-RAY TABLE

• TABLE PORTABLE POUR RAYONS X

(71, 72) STOUT, Fred, T., Jr. [US/US]; 8705  
Sanctuary Drive, Kirtland Hills, OH 44060  
(US).

(74) LUCAS, James, A. et al. / etc.; Driggs, Lu-  
cas, Brubaker & Hogg Co., L.P.A., 8522 East  
Avenue, Mentor, OH 44060 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW  
MX MZ NA NI NO NZ OM PG PH PL PT  
RO SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les  
désignations

(s) for all designations / pour toutes les  
désignations

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> A61G 17/08

(11) WO 2004/093769 (13) A1

(21) PCT/JP2003/015892

(22) 11 Dec/déc 2003 (11.12.2003)

(25) ja (26) ja

(30) 2003-117554 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COUPLED CINERARY URN

• URNE CINERAIRE COUPLEE

(71) TAYA, Masae [JP/JP]; 5-27, Shiinokidai  
3-chome, Shonan-machi, Higashikat-  
sushika-gun, Chiba 277-0945 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) TAYA, Koudou [JP/JP]; c/o IM-  
PERIAL PLANNER CORPORATION,  
Shinyabashirayusa Building, 16-15,  
Higurashi 1-chome, Matsudo-shi, Chiba  
270-2253 (JP).

(74) HAMADA, Haruo; Wisdom House, 4-12,  
Minami-Aoyama 3-chome, Minato-ku,  
Tokyo 107-0062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SY  
TJ TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> A61H

(11) WO 2004/093770 (13) A2

(21) PCT/US2004/011546

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/419,672 21 Apr/avr 2003 US  
(21.04.2003)

(30) 10/697,785 30 Oct/oct 2003 US  
(30.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR MONI-  
TORING PASSENGER OXYGEN SAT-  
URATION LEVELS AND ESTIMATING  
OXYGEN USAGE REQUIREMENTS

• SYSTEME ET PROCEDE PERMET-  
TANT DE SURVEILLER LES NI-  
VEAUX DE SATURATION EN OXY-  
GENE POUR DES PASSAGERS ET  
D'ESTIMER LES BESOINS EN OXY-  
GENE

(71, 72) CONROY, John [US/US]; 3120 Fish-  
ing Creek Valley Road, Harrisburg, PA 17112  
(US).

(74) O'BRIAN, Scott, K.; McNees Wallace &  
Nurick LLC, 100 Pine Street, P.O. Box 1166,  
Harrisburg, PA 17108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61H

(11) WO 2004/093771 (13) A2

(21) PCT/US2004/011807

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/249,567 18 Apr/avr 2003 US  
(18.04.2003)

(30) 10/448,844 30 May/mai 2003 US  
(30.05.2003)

(30) 10/449,349 30 May/mai 2003 US  
(30.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIE-DOWN MASSAGER

• APPAREIL DE MASSAGE EN POSI-  
TION ALLONGEE

(71, 72) HAKJIN, Kim [US/US]; 610 Ridgeview  
Ct., Diamond Bar, CA 91765 (US).

(74) PARK, John, K.; Park & Sutton LLP, Suite  
1110, 3255 Wilshire Boulevard, Los Angeles,  
CA 90010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61H 21/00, B65D 35/00, 35/44

(11) WO 2004/093772 (13) A1

(21) PCT/DE2004/000406

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 203 06 196.9 17 Apr/avr 2003 DE  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DILDO-TYPE DEVICE AND RECEP-  
TACLE FOR RECEIVING A FLUID,  
WHICH IS CONNECTED THERETO  
AND IS EMBODIED ESPECIALLY AS  
A TUBE

• DISPOSITIF DE TYPE GODEMICHE  
ET CONTENANT POUVANT ETRE  
RELIE A CE DISPOSITIF, CONÇU EN  
TANT QUE TUBE, DESTINE A RECE-  
VOIR UN FLUIDE

(71, 72) WADL, Martin, A. [AT/AT]; Miesstaler-  
strasse 24, 9020 Klagenfurt (AT). WENGER,  
Gustav [AT/AT]; Hirschstr. 25, 9020 Kla-  
genfurt (AT). KRÖHN, Marco [DE/DE];  
Friedrich-Ebert-Strasse 5, 22459 Hamburg  
(DE).

(74) KRONTHALER, Wolfgang, N.; Kron-  
thaler, Schmidt & Coll., Steinsdorfstrasse 5,  
80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ



CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les  
designations

(t) for all designations / pour toutes les  
designations

(u) for / pour US only / seulement

(51)<sup>7</sup> A61H 23/02, 7/00

(11) WO 2004/093773 (13) A1

(21) PCT/JP2004/005832

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-117504 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF CONTROLLING MAS-  
SAGE PROGRAM, MASSAGE MA-  
CHINE USING THE METHOD, AND  
CONTROLLER FOR THE MASSAGE  
MACHINE

• PROCEDE DE COMMANDE D'UN  
PROGRAMME DE MASSAGE, AP-  
PAREIL DE MASSAGE EMPLOYANT  
LEDIT PROCEDE ET PARTIE DE COM-  
MANDE POUR LEDIT APPAREIL DE  
MASSAGE

(71) MATSUSHITA ELECTRIC WORKS  
LTD. [JP/JP]; 1048, Oaza-Kadoma,  
Kadoma-shi, Osaka, 5718686 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) TANIZAWA, Takayoshi [JP/JP]; c/o  
Matsushita Electric Works, Ltd., 1048,  
Oaza-Kadoma, Kadoma-shi, Osaka, 5718686  
(JP). MIYAGUCHI, Masamichi [JP/JP];  
c/o Matsushita Electric Works, Ltd.,  
1048, Oaza-Kadoma, Kadoma-shi, Os-  
aka, 5718686 (JP). NISHIO, Fumihiko  
[JP/JP]; c/o Matsushita Electric Works,  
Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Os-  
aka, 5718686 (JP). TSUKADA, Daisuke  
[JP/JP]; c/o Matsushita Electric Works,  
Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Os-  
aka, 5718686 (JP). NISHIBORI, Yuuichi  
[JP/JP]; c/o Matsushita Electric Works, Ltd.,  
1048, Oaza-Kadoma, Kadoma-shi, Osaka,  
5718686 (JP). MUTO, Motoharu [JP/JP];  
c/o Matsushita Electric Works, Ltd., 1048,  
Oaza-Kadoma, Kadoma-shi, Osaka, 5718686  
(JP).

(74) NISHIKAWA, Yoshikiyo et al. / etc.; c/o  
Hokuto Patent Attorneys Office Umeda-Dai-  
ichiseimei Bldg. 5th Floor, 12-17, Umeda  
1-chome, Kita-ku, Osaka-shi, Osaka,  
5300001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61J

(11) WO 2004/093774 (13) A2

(21) PCT/US2004/012689

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/422,419 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-COMPONENT AMPULE

• AMPOULE A PLUSIEURS COMPO-  
SANTS

(71) HINS INTERNATIONAL, INC. [US/US];  
17662 Irvine Boulevard, Suite #20, Tustin,  
CA 92780 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) PARSONS, Stuart, J.; 1745 Dixon Street,  
Redondo Beach, CA 90278 (US).

(74) DAO, Tom, H.; Chrisite Parker & Hale,  
LLP, Post Office Box 7068, Pasadena, CA  
91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61J 1/05

(11) WO 2004/093775 (13) A1

(21) PCT/JP2004/005547

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

(30) 2003-118901 23 Apr/avr 2003 JP  
(23.04.2003)

(30) 2003-364971 24 Oct/oct 2003 JP  
(24.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DRUG SOLUTION FILLING PLASTIC  
AMPOULE AND PROCESS FOR PRO-  
DUCING THE SAME

• AMPOULE PLASTIQUE DE REMPLIS-  
SAGE D'UNE SOLUTION MEDICA-  
MENTEUSE

(71) OTSUKA PHARMACEUTICAL FAC-  
TORY INC. [JP/JP]; 115, Aza-Kuguhara,  
Tateiwa, Muya-cho, Naruto-shi, Tokushima,  
7728601 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NAGAO, Katsuyoshi [JP/JP]; 48-1,  
Aza-Nanatanda, Wada, Kokufu-cho,  
Tokushima-shi, Tokushima, 7793121

(JP). OKAMOTO, Hideshi [JP/JP]; 94-1,  
Aza-Nakazono, Nishisadakata, Ojin-cho,  
Tokushima-shi, Tokushima, 7711155 (JP).  
IZUMI, Masamitsu [JP/JP]; 60, Aza-Nana-  
mai, Tateiwa, Muya-cho, Naruto-shi,  
Tokushima, 7720017 (JP). KAWAKAMI,  
Keiichi [JP/JP]; 15-21, Aza-Nishinosu, Tain-  
ohama, Kitajima-cho, Itano-gun, Tokushima,  
7710204 (JP). INOUE, Fujio [JP/JP];  
240-41, Oshiro, Otsu-cho, Naruto-shi,  
Tokushima, 7720041 (JP).

(74) INAOKA, Kosaku et al. / etc.; c/o  
AI ASSOCIATION OF PATENT AND  
TRADEMARK ATTORNEYS, Sun Mullion  
NBF Tower 21st Floor, 6-12, Minamihom-  
machi 2-chome, Chuo-ku, Osaka-shi, Osaka  
541-0054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61J 3/00, G06F 17/30

(11) WO 2004/093776 (13) A1

(21) PCT/JP2004/005708

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-118147 23 Apr/avr 2003 JP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEDICINE MANAGEMENT SYSTEM

• SYSTEME DE GESTION DE MEDICA-  
MENT

(71) YUYAMA MFG. CO. LTD. [JP/JP]; 3-1,  
Meishinguchi 3-chome, Toyonaka-shi, Os-  
aka, 5610841 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NAKATA, Kiyoyuki [JP/JP]; c/o  
YUYAMA MFG. CO., LTD., 3-1, Meishin-  
guchi 3-chome, Toyonaka-shi, Osaka,  
5610841 (JP). SAWAKI, Masanori [JP/JP];  
c/o YUYAMA MFG. CO., LTD., 3-1,  
Meishinguchi 3-chome, Toyonaka-shi, Os-  
aka, 5610841 (JP).

(74) KAWAMIYA, Osamu et al. / etc.;  
AOYAMA & PARTNERS, IMP Building,  
3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi,  
Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61J 9/00

(11) WO 2004/093777 (13) A1

(21) PCT/US2004/008606

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/418,037 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISPOSABLE INFANT FORMULA FEEDING POUCH

- SACHET-RECIPIENT JETABLE SERVANT A L'ALIMENTATION DE NOURRISSONS

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIPPERMAN, Stuart, R. [US/US]; 4212 Jennings Lane, Evansville, IN 47720 (US). FUGATE, Hagins [US/US]; 3299 Treemont Drive, Newburgh, IN 47630 (US). NUKUTO, George [US/US]; 740 West Lincoln Lane, Des Plaines, IL 60018 (US).

(74) JONES, Neil, C.; Nelson Mullins Riley & Scarborough, LLP, P.O. Box 11070, Columbia, SC 29211 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093778 (13) A2

(21) PCT/IL2004/000349

(22) 25 Apr/avr 2004 (25.04.2004)

(25) en (26) en

(30) 155561 24 Apr/avr 2003 IL (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OLIGONUCLEOTIDES THAT BLOCK TOLL-LIKE RECEPTORS

- OLIGONUCLEOTIDES BLOQUANT LES RECEPTEURS DE TYPE TOLL

(71) YEDA RESEARCH AND DEVELOPMENT CO. LTD. [IL/IL]; Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COHEN, Irun, R. [US/IL]; 11 Hankin Street, 76100 Rehovot (IL). NUSSBAUM, Gabriel [US/IL]; 24/6 Bustenai Street, 93229 Jerusalem (IL).

(74) WEBB, Cynthia; Webb & Associates, P.O. Box 2189, 76121 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093779 (13) A2

(21) PCT/IN2004/000101

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 327/MAS/2003 21 Apr/avr 2003 IN (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR THE PREPARATION OF GABAPENTIN FORM-II

- PROCEDE RELATIF A L'ELABORATION DE GABAPENTINE DE FORME-II

(71) MATRIX LABORATORIES LTD [IN/IN]; 1-1-151/1, IV Floor, Sairam Towers, Alexander Road, Secunderabad 500 003 (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAVA, Satyanarayana [IN/IN]; Plot No. 40, Parkview Enclave, Manovikas Nagar, Hasmathpet Road, Secunderabad 500 009 (IN). GORANTLA, Seeta, Ramanjaneyulu [IN/IN]; Plot No-12, Sai Ansh Arcade, Durgavihar Colony, Tirumalgherry, Secunderabad 500 015 (IN). INDUKURI, Venkata, Sunil, Kumar [IN/IN]; Flat No-104, Raghavendra Towers, KPHB-VI Phase, Kukatpally, Hyderabad 500 072 (IN). SIMHADRI, Srinivas [IN/IN]; Flat No-101 Shobana Towers, Vivekanandanagar Colony, Kukatpally, Hyderabad 500 072 (IN).

(74) MATRIX LABORATORIES LTD; Ch. V. Ramana Rao, Plot No. 38, Phase-IV, Ida, Jeedimetla, Hyderabad 500 055 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K

(11) WO 2004/093780 (13) A2

(21) PCT/IN2004/000102

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 330/MAS/2003 21 Apr/avr 2003 IN (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR THE PREPARATION OF GABAPENTIN FORM-II

- PROCESSUS DE PREPARATION DE GABAPENTINE FORME II

(71) MATRIX LABORATORIES LTD [IN/IN]; 1-1-151/1, IV Floor, Sairam Towers, Alexander Road, Secunderabad 500 003 (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAVA, Satyanarayana [IN/IN]; Plot No 40, Parkview Enclave, Manovikas Nagar, Hasmathpet Road, Secunderabad 500 009 (IN). GORANTLA, Seeta, Ramanjaneyulu [IN/IN]; Plot No-12, Sai Ansh Arcade, Durgavihar Colony, Tirumalgherry, Secunderabad 500 015 (IN). INDUKURI, Venkata, Sunil, Kumar [IN/IN]; Flat No-104, Raghavendra Towers, KPHB-VI Phase, Kukatpally, Hyderabad 500 072 (IN).

(74) CH., V., Ramana, Rao; Matrix Laboratories Ltd, Plot No. 38, Phase-IV, Ida, Jeedimetla, Hyderabad 500 055 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(i) for the following designation / pour la  
désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K

(11) WO 2004/093781 (13) A2

(21) PCT/SE2004/000590

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 0301202-8 24 Apr/avr 2003 SE  
(24.04.2003)

(30) 60/468,054 6 May/mai 2003 US  
(06.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NEW USE AND NEW COMPOUNDS

• UTILISATION NOUVELLE ET COM-  
POSES NOUVEAUX

(71) AXELAR AB [SE/SE]; c/o Karolinska In-  
novations AB, Fogdevreten 2B, S-171 77,  
Stockholm (SE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) AXELSON, Magnus [SE/SE]; Ridder-  
sviksvägen 170, S-165 72 Hässelby (SE).  
LARSSON, Olle [SE/SE]; Svargränd 9,  
S-187 42 Täby (SE).

(74) LARFELDT Helene et al. / etc.; Bergen-  
stråhle & Lindvall AB, Box 17704, S-118 93  
Stockholm (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093782 (13) A2

(21) PCT/US2003/008549

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(30) 60/365,549 20 Mar/mar 2003 US  
(20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TUMOR CYTOTOXICITY INDUCED  
BY MODULATORS OF THE CXCR4  
RECEPTOR

• CYTOTOXICITE TUMORALE IN-  
DUITE PAR DES MODULATEURS DU  
RECEPTEUR CXCR4

(71) MOREHOUSE SCHOOL OF  
MEDICINE [US/US]; 720 Westview Drive,  
NW, Atlanta, GA 30310 (US).

(72) BOND, Vincent, Craig; 2289 Scarlett Walk,  
Stone Mountain, GA 30087 (US). LIL-  
LARD, James, M.; 2120 Wedgewood Dr.,  
Stone Mountain, GA 30088 (US). HUANG,  
Jing, Bo; 2707 Evansdale Circle, Doraville,  
GA 30340 (US). BUMPERS, Harvey; 1913  
Kanawha Drive, Stone Mountain, GA 30087  
(US). POWELL, Michael; 2010 Paces Vin-  
ings Dr., Smyrna, GA 30080 (US).

(74) HENDRICKS, Glenna; Hendricks and As-  
soc., P.O. Box 2509, Fairfax, VA 22031 (US).

(81) AU CA CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR).

(51)<sup>7</sup> A61K

(11) WO 2004/093783 (13) A2

(21) PCT/US2004/010946

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/418,780 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MODULATION OF APOLIPOPROTEIN  
C-III EXPRESSION

• MODULATION DE L'EXPRESSION  
D'APOLIPOPROTEINE C-III

(63) US 10/418,780 (CIP)  
16 Apr/avr 2003 (16.04.2003)

(71) ISIS PHARMACEUTICALS, INC.  
[US/US]; 2292 Faraday Avenue, Carls-  
bad, CA 92008 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CROOKE, Rosanne, M. [US/US];  
3211 Piraqua Street, Carlsbad, CA 92009  
(US). GRAHAM, Mark, J. [US/US]; 2305  
S. Ola Vista, San Clemente, CA 92672  
(US). LEMONIDIS TARBET, Kristina,  
M. [US/US]; 1652 Seattle Slew Way, Ocean-  
side, CA 92057 (US). DOBIE, Kenneth, W.  
[GB/US]; 703 Stratford Ct., #4, Del Mar, CA  
92014 (US).

(74) BAK, Mary, E.; Howson and Howson, 321  
Norristown Road, Suite 200, Spring House  
Corporate Center, P.O. Box 457, Spring  
House, PA 19477 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US (Patent  
/ brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093784 (13) A2

(21) PCT/US2004/010952

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/420,995 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEMS AND METHODS FOR  
BLOOD GLUCOSE SENSING

• SYSTEMES ET PROCEDES DE DE-  
TECTION DE GLYCEMIE

(71) HOME DIAGNOSTICS, INC. [US/US];  
2400 N.W. 55th Court, Fort Lauderdale, FL  
33309 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NEEL, Gary, T. [US/US]; 1520 BlueJay  
Circle, Weston, FL 33327 (US). BELL, Dou-  
glas, E. [US/US]; 5155 NW 84th Road, Coral  
Springs, FL 33067 (US). WONG, T., Philip  
[US/US]; 11120 Heron Bay Blvd. #116,  
Coral Springs, FL 33076 (US). VOSS, Hous-  
ton, F. [US/US]; 1901 Bayview Drive, Fort  
Lauderdale, FL 33305 (US). CABAN, Allan,  
Javier [US/US]; 6936 Thicket Trace, Lake-  
worth, FL 33467 (US). BOEHM, David, K.  
[US/US]; 7481 NW 42nd Street, Lauderhill,  
FL 33319 (US).

(74) GARRETT, Arthur, S. et al. / etc.;  
Finnegan, Henderson, Farabow, Garrett  
& Dunner, LLP, 1300 I Street, N.W., Wash-  
ington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093785 (13) A2

(21) PCT/US2004/011473

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/463,776 18 Apr/avr 2003 US  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RHESUS MONKEY BOMBESIN RE-  
CEPTOR SUBTYPE-3 (BRS-3), NU-  
CLEOTIDES ENCODING SAME, AND  
USES THEREOF

• SOUS-TYPE 3 DU RECEPTEUR DE LA  
BOMBESINE DU RHESUS MACAQUE  
(BRS-3), NUCLEOTIDES CODANT CE  
DERNIER ET UTILISATIONS COR-  
RESPONDANTES

(71) MERCK & CO., INC. [US/US]; 126 East  
Lincoln Avenue, Rahway, New Jersey 07065-

- 0907 (US). **BANYU PHARMACEUTICAL CO., LTD.** [JP/JP]; 2-3, Nihombashi Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TAN, Carina, P.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **HOWARD, Andrew, D.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **SANO, Hideki** [JP/JP]; 2-3, Nihombashi Honcho 2-Chome, Chuo-ku, Tokyo 103-8416 (JP).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A61K**
- (11) **WO 2004/093786** (13) A2
- (21) PCT/US2004/011567
- (22) **14 Apr/avr 2004 (14.04.2004)**
- (25) en (26) en
- (30) 60/463,627 **16 Apr/avr 2003** US (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **COVALENT AND NON-COVALENT CROSSLINKING OF HYDROPHILIC POLYMERS AND ADHESIVE COMPOSITIONS PREPARED THEREWITH**
- **RETICULATION COVALENTE ET NON COVALENTE DE POLYMERES HYDROPHILES, COMPOSITIONS ADHESIVES PREPAREES AVEC CES DERNIERS**
- (71) **CORIUM INTERNATIONAL** [US/US]; 2686 Middlefield Road, Suite G, Redwood City, California 94063 (US). **A. V. TOPCHIEV INSTITUTE OF PETRO-CHEMICAL SYNTHESIS** [RU/RU]; Russian Academy of Sciences, 29, Leninsky prosp., Moscow, 117912 (RU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FELDSTEIN, Mikhail, M.** [RU/RU]; Leninsky Prospekt, Apt. 145, Moscow, 119415 (RU). **BAIRAMOV, Danir, F.** [RU/RU]; Profsojuznaya ul 8, Korpus 2, Apt. 463, Moscow, 117292 (RU). **PLATE, Nicolai, A.** [RU/RU]; 38 Zelinskogo Ul., Moscow, 95 (RU). **KULICHIKHIN, Valery, G.** [RU/RU]; 2 Zubovskiy Proezd, Apt. 13, Moscow, 119021 (RU). **SINGH, Parminder** [IN/US]; 1906 35th Avenue, San Francisco, California 94116 (US). **CLEARY, Gary, W.** [US/US]; 26410 Silent Hills Lane, Los Altos Hills, California 94022 (US).
- (74) **EBERLE, Shelley, P.** et al. / etc.; **REED & EBERLE LLP**, 800 Menlo Avenue, Suite 210, Menlo Park, California 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K**
- (11) **WO 2004/093788** (13) A2
- (21) PCT/US2004/011697
- (22) **15 Apr/avr 2004 (15.04.2004)**
- (25) en (26) en
- (30) 60/464,013 **17 Apr/avr 2003** US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **DESMOGLEIN 4 IS A NOVEL GENE INVOLVED IN HAIR GROWTH**
- **DESMOGLEINE 4, NOUVEAU GENE DE LA CROISSANCE DES CHEVEUX**
- (71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHRISTIANO, Angela, M.** [US/US]; 77 Burnett Terrace, West Orange, NJ 07052 (US).
- (74) **WHITE, John, P.**; **Cooper & Dunahm LLP**, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **A61K**
- (11) **WO 2004/093789** (13) A2
- (21) PCT/US2004/011698
- (22) **15 Apr/avr 2004 (15.04.2004)**
- (25) en (26) en
- (30) 10/414,660 **16 Apr/avr 2003** US (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **USE OF GALR3 RECEPTOR ANTAGONISTS FOR THE TREATMENT OF DEPRESSION AND/OR ANXIETY AND COMPOUNDS USEFUL IN SUCH METHODS**
- **UTILISATION DES ANTAGONISTES DU RECEPTEUR GALR3 POUR TRAITER LA DEPRESSION ET/OU L'ANXIETE ET COMPOSES UTILISES DANS DE TELS PROCEDES**
- (71) **SYNAPTIC PHARMACEUTICAL CORPORATION** [US/US]; 215 College Road, Paramus, NJ 07652 (US).
- (72) **KONKEL, Michael**; 9-24 12th Street, Fair Lawn, NJ 07410 (US). **WETZEL, John, M.**; 16-08 Well Drive, Fairlawn, NJ 07410 (US).

- TALISMAN, Jamie; 526 West 113th Street #71, New York, NY 10025 (US).
- (74) WHITE, John, P.; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093790 (13) A2  
(21) PCT/US2004/011746  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,284 16 Apr/avr 2003 US (16.04.2003)  
(30) 60/472,317 20 May/mai 2003 US (20.05.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • YEAST ECTOPICALLY EXPRESSING ABNORMALLY PROCESSED PROTEINS AND USES THEREFOR  
• PROTEINES TRAITÉES ANORMALEMENT EXPRIMANT DE MANIÈRE EC-TOPIQUE LA LEVURE ET LEURS UTILISATIONS
- (63) US 60/463,284 (CON) 16 Apr/avr 2003 (16.04.2003)  
US 60/472,317 (CON) 20 May/mai 2003 (20.05.2003)
- (71) WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARCH [US/US]; Nine Cambridge Center, Cambridge, MA 02142 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LINDQUIST, Susan, L. [US/US]; 64 Pine Rd., Chestnut Hill, MA 02467 (US).  
OUTEIRO, Tiago [PT/US]; 170 Gore St., Cambridge, MA 02141-1136 (US).
- (74) BRENNAN, Jack; Fish & Richardson P.C., Suite 2800, 45 Rockefeller Plaza, New York, NY 10111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093791 (13) A2  
(21) PCT/US2004/011773  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 10/417,749 16 Apr/avr 2003 US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • AIRWAY PRODUCTS HAVING LEDS  
• PRODUITS D'INTUBATION MUNIS DE DELS
- (71, 72) SIMON, James, S. [US/US]; P.O. Box 726, Tiburon, CA 94920 (US).
- (74) WHELLOCK, E., Thomas et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093792 (13) A2  
(21) PCT/US2004/011801  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/464,079 18 Apr/avr 2003 US (18.04.2003)  
(30) 60/469,434 9 May/mai 2003 US (09.05.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITIONS AND METHODS FOR TREATING BODY MALODOR AND FUNGAL OVERGROWTH IN MAMMALS  
• COMPOSITIONS ET PROCÉDES POUR LE TRAITEMENT DE MAUVAISES ODEURS CORPORELLES ET D'EXCROISSANCES FONGIQUES CHEZ LES MAMMIFÈRES
- (71) LIGHTHOUSE INNOVATIONS, LLC [US/US]; 11 Brookfield Way, West Windsor, NJ 08550 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LUKACSKO, Alison, B.; 11 Brookfield Way, West Windsor, NJ 08550 (US).
- (74) LIN, Vic, Y.; Myers Dawes Andras & Sherman, Suite 1150, 19900 MacArthur Boulevard, Irvine, CA 92612 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093793 (13) A2  
(21) PCT/US2004/011805  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,255 16 Apr/avr 2003 US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DELIVERY VEHICLE FOR SILVER IONS  
• EXCIPIENT D'ADMINISTRATION POUR IONS ARGENT
- (71) ABLATION PRODUCTS LLC [US/US]; 400 Gloucester Street, Englewood, NJ 07631 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NEUWIRTH, Robert, S. [US/US]; 400 Gloucester Street, Englewood, NJ 07631 (US).
- (74) CEPURITIS, Talivaldis et al. / etc.; Olson & Hierl, Ltd., 20 North Wacker Drive, 36th Floor, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093794 (13) A2  
(21) PCT/US2004/011806  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 10/414,902 16 Apr/avr 2003 US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ANTIMICROBIAL MEDICAL ARTICLES CONTAINING A COMBINATION OF ANTI-INFECTIVE COMPOUNDS, OCTOXYCYCLERIN, SALICYLIC ACID, AND SESQUITERPENOIDS

- ARTICLES MEDICAUX ANTIMICROBIENS CONTENANT UNE COMBINAISON DE COMPOSES ANTI-INFECTIEUX, OCTOXYGLYCERINE, ACIDE SALICYLIQUE, ET DE SESQUITERPENOIDES
- (71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 116th Street and Broadway, New York, NY 10027 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MODAK, Shanta, M.** [US/US]; 184 Howland Avenue, River Edge, NJ 07661 (US). **GAONKAR, Trupti** [IN/US]; 712 West 176th Street, Apt. 5F, New York, NY 10033 (US).
- (74) **KOLE, Lisa, B. et al.** / etc.; Baker Botts L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) **WO 2004/093796** (13) A2  
(21) PCT/US2004/011831  
(22) **16 Apr/avr 2004 (16.04.2004)**  
(25) en (26) en  
(30) 10/414,802 **16 Apr/avr 2003** US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • LACTAM DERIVATIVES AND METHODS OF THEIR USE  
• DERIVES LACTAME ET PROCEDES D'UTILISATION CORRESPONDANTS
- (71) **ADOLOR CORPORATION** [US/US]; 700 Pennsylvania Avenue, Exton, PA 19341-1127 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DOLLE, Roland, E.** [US/US]; 550 Prince Frederick Street, King of Prussia, PA 19406 (US). **TUTHILL, Paul, A.** [US/US]; 21 Savoy Road, Newark, DE 19702 (US).
- (74) **CHERRY, David, A. et al.** / etc.; Woodcock Washburn LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) **WO 2004/093795** (13) A2  
(21) PCT/US2004/011812  
(22) **16 Apr/avr 2004 (16.04.2004)**  
(25) en (26) en  
(30) 10/417,631 **16 Apr/avr 2003** US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITIONS FOR DELIVERY OF DRUG COMBINATIONS  
• COMPOSITIONS D'ADMINISTRATION DE COMBINAISONS DE MEDICAMENTS
- (71) **CELATOR TECHNOLOGIES INC.** [CA/CA]; 604 West Broadway, Suite 200, Vancouver, B.C. V5Z 1G1 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TARDI, Paul** [CA/CA]; 19081 Sundale Court, Surrey, British Columbia V3S 7M6 (CA). **HARASYM, Troy** [CA/CA]; 4656 Mountain Highway, North Vancouver, British Columbia V7K 2K8 (CA). **WEBB, Murray** [CA/CA]; 3640 Sunnycrest Drive, North Vancouver, British Columbia (CA). **SHEW, Clifford** [CA/CA]; 805-388 Drake Street, Vancouver, British Columbia V6B 6A8 (CA). **JANOFF, Paul** [US/US]; 560 Countess Drive, Yardley, PA 19067 (US).
- (74) **MURASHIGE, Kate et al.** / etc.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE
- (54) • METHODS, DEVICES, AND COMPOSITIONS FOR LYSIS OF OCCLUSIVE BLOOD CLOTS WHILE SPARING WOUND SEALING CLOTS  
• METHODES, DISPOSITIFS ET COMPOSITIONS PERMETTANT DE LYSER LES CAILLOTS SANGUINS OCCLUSIFS TOUT EN PRESERVANT LES CAILLOTS CICATRISANT LES PLAIES
- (71) **THROMBOLYTIC SCIENCE, INC.** [US/US]; c/o Fish & Richardson, P.C., 225 State Street, Boston, MA 02110 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUREWICH, Victor** [US/US]; 11 Reservoir Street, Cambridge, MA 02138 (US). **WILLIAMS, John, N.** [US/US]; Harbor Towers, 85 East India Row, Tower 1, Unit 17B, Boston, MA 02110 (US). **LIU, Jian-Ning** [CN/US]; 6 Peaceable Road, Brighton, MA 02135 (US). **SARMIEN-TOS, Paolo** [IT/US]; Via Cavour, 63, I-23900 Lecco (IT). **PAGANI, Massimiliano** [IT/US]; Via E. de Amicis, 4, Castelli Calepio, I-24060 Cividino (IT).
- (74) **FASSE, J., Peter**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) **WO 2004/093798** (13) A2  
(21) PCT/US2004/011841  
(22) **16 Apr/avr 2004 (16.04.2004)**  
(25) en (26) en  
(30) 10/418,759 **18 Apr/avr 2003** US (18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • QUINOXALINYL MACROCYCLIC HEPATITIS C SERINE PROTEASE INHIBITORS  
• COMPOSES MACROCYCLIQUES DE QUINOXALINYLE INHIBANT LES SERINE PROTEASES DE L'HEPATITE C
- (71) **ENANTA PHARMACEUTICALS, INC.** [US/US]; 500 Arsenal Street, Watertown, MA 02472 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAJIMA, Suanne** [CA/US]; 225 Walden Street, Apt. E., Cambridge, MA 02140 (US). **SUN, Ying** [CN/US]; 220 School Street, ST 6, Waltham, MA 02451 (US). **TANG, Datong** [CN/US]; 11 Kneeland Street, Malden, MA 02148 (US). **XU,**

- Gouyou** [CN/US]; 268 Grove Street, Apt. 5, Auburndale, MA 02466 (US). **PORTER, Brian** [US/US]; 1 Langdon Street, Cambridge, MA 02138 (US). **OR, Yat, Sun** [US/US]; 169 Fayette Street, Watertown, MA 02472 (US). **WANG, Zhe** [US/US]; 67 Westwoods Blvd., Hockessin, DE 19707 (US). **MIAO, Zhenwei** [CN/US]; 1 B Thunder Hill Road, Medway, MA 02053 (US).
- (74) **HSI, Jeffrey, D.** et al. / etc.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093799 (13) A2  
(21) PCT/US2004/011883  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,774 18 Apr/avr 2003 US (18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • THYROID RECEPTOR LIGANDS  
• LIGANDS DE RECEPTEUR DES HORMONES THYROIDIENNES
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; Route 206 and Province Line Road, Princeton, New Jersey 08543-4000 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RYONO, Dennis, E.** [US/US]; 28 Marion Road West, Princeton, New Jersey 08540 (US). **HANGELAND, Jon, J.** [US/US]; 234 Louise Drive, Morrisville, PA 19067 (US). **FRIENDS, Todd, J.** [US/US]; 246 Birch Hollow Drive, Bordentown, NJ 08505 (US). **DEJNEKA, Tamara** [US/US]; 33 Fairview Road, Skillman, NJ 08558 (US). **DEVASTHALE, Pratik** [CA/US]; 94 Marion Drive, Plainsboro, NJ 08536 (US). **CARINGAL, Yolanda, V.** [US/US]; 307 Fountayne Lane, Lawrenceville, NJ 08648 (US). **ZHANG, Minsheng** [US/US]; 31 Scheurman Terrace, Warren, NJ 07059 (US). **DOWEYKO, Arthur, M.P.** [US/US]; 9 Highland Avenue, Long Valley, NJ 07853 (US). **MALM, Johan** [SE/SE]; Bridgevagen 9B, S-142 66 Trångsund (SE). **SANIN, Andrei** [RU/SE]; Backgardsvagen 19, S-143 41 Varby (SE).
- (74) **DUNCAN JR., Sammy, G.** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, New Jersey 08543-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093800 (13) A2  
(21) PCT/US2004/011893  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 10/418,399 18 Apr/avr 2003 US (18.04.2003)  
(30) 10/825,881 16 Apr/avr 2004 US (16.04.2004)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • THYRONAMINE DERIVATIVES AND ANALOGS AND METHODS OF USE THEREOF  
• DERIVES DE THYRONAMINE ET ANALOGUES ET DES METHODES D'UTILISATION DE CES COMPOSES
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US). **OREGON HEALTH & SCIENCE UNIVERSITY** [US/US]; Technology & Research Collaborations, 2525 S.W. 1st Avenue, AD-120, Portland, OR 97201-4753 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCANLAN, Thomas, S.** [US/US]; 2525 Moraga Street, San Francisco, CA 94122 (US). **HART, Matthew, E.** [US/US]; 825 Lincoln Way, Suite 105, San Francisco, CA 94122 (US). **GRANDY, David, K.** [US/US]; 4791 Southwest Lowell Court, Portland, OR 97221 (US). **BUNZOW, James, R.** [US/US]; 9904 S.W. 56th Avenue, Portland, OR 97219 (US).
- (74) **STEIN, Michael, D.** et al. / etc.; Woodcock Washburn Llp, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :**  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093801 (13) A2  
(21) PCT/US2004/011933  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 60/464,323 21 Apr/avr 2003 US (21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PHARMACEUTICAL PRODUCTS  
• PRODUITS PHARMACEUTIQUES
- (71) **EURO-CELTIQUE S.A.** [LU/LU]; 122, Boulevard de la Petrusse, L-2330 Luxembourg (LU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OSHLACK, Benjamin** [AU/US]; 351 East 84th Street, New York, NY 10028 (US). **VAN BUSKIRK, Glen** [US/US]; 174 Wexford Way, Basking Ridge, NJ 07920 (US). **CHASIN, Mark** [US/US]; 3 Wayne Court, Manalapan, NJ 07726 (US). **HUANG, Hua-Pin** [US/US]; 68 Birch Street, Englewood Cliffs, NJ 07632 (US). **VASHI, Vijay** [US/US]; 5 Taylor Court, Ridgefield, CT 06877 (US).
- (74) **DAVIDSON, Clifford, M.** et al. / etc.; Davidson, Davidson & Kappel, LLC, 485 Seventh Avenue, 14th Floor, New York, NY 10018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> A61K  
(11) WO 2004/093802 (13) A2  
(21) PCT/US2004/011936  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,769 17 Apr/avr 2003 US (17.04.2003)  
(30) 60/519,562 12 Nov/nov 2003 US (12.11.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PREVENTION OF DEFICITS IN NEUROGENESIS WITH ANTI-INFLAMMATORY AGENTS  
• PREVENTION DES TROUBLES DE NEUROGENESE DEFICITAIRE A L'AIDE D'AGENTS ANTI-INFLAMMATOIRES  
(71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; 1705 El Camino Real, Palo Alto, California 94306-1106 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) MONJE, Michelle, L. [—/US]; Stanford University, Department of Neurosurgery and Neurology, MSLS P309, Mail Code 5487, 1201 Welch Road, Stanford, California 94305-5487 (US). PALMER, Theo, D. [—/US]; Stanford University, Department of Neurosurgery and Neurology, MSLS P309, Mail Code 5487, 1201 Welch Road, Stanford, California 94305-5487 (US).  
(74) SHERWOOD, Pamela, J.; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61K  
(11) WO 2004/093804 (13) A2  
(21) PCT/US2004/012047  
(22) 19 Apr/avr 2004 (19.04.2004)  
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(30) 60/463,732 18 Apr/avr 2003 US (18.04.2003)  
(30) 60/463,708 18 Apr/avr 2003 US (18.04.2003)  
(30) 60/467,230 2 May/mai 2003 US (02.05.2003)  
(30) 60/467,199 2 May/mai 2003 US (02.05.2003)  
(30) 60/471,306 19 May/mai 2003 US (19.05.2003)  
(30) 60/471,336 19 May/mai 2003 US (19.05.2003)  
(30) 60/485,223 8 Jul/juil 2003 US (08.07.2003)  
(30) 60/485,224 8 Jul/juil 2003 US (08.07.2003)  
(30) 60/486,480 14 Jul/juil 2003 US (14.07.2003)  
(30) 60/486,446 14 Jul/juil 2003 US (14.07.2003)  
(30) 60/493,573 8 Aug/août 2003 US (08.08.2003)  
(30) 60/493,577 8 Aug/août 2003 US (08.08.2003)  
(30) 60/505,059 8 Sep/sep 2003 US (08.09.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES AND METHODS OF THEIR USE  
• POLYPEPTIDES HUMAINS CODES PAR DES POLYNUCLEOTIDES ET METHODES D'UTILISATION ASSOCIEES  
(71) PİNTEX PHARMACEUTICALS, INC. [US/US]; 313 Pleasant Street, Watertown, MA 02472 (US).  
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(72, 75) BAO, Lere [CN/US]; 145 Day Street, Newton, MA 02466 (US). KIMZEY, Amy [US/US]; 1803 Windsor Ridge Drive, Westborough, MA 01581 (US).  
(74) HANLEY, Elizabeth, A. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093805 (13) A2  
(21) PCT/US2004/012102  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 60/464,784 23 Apr/avr 2003 US (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SELECTIVE SPIROCYCLIC GLUCOCORTICOID RECEPTOR MODULATORS  
• MODULATEURS DES RECEPTEURS AUX GLUCOCORTICOIDES SPIROCYCLIQUES SELECTIFS  
(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) ALI, Amjad [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). BALKOVEC, James, M. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). BERESIS, Richard [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). COLLETTI, Steven, L. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). GRAHAM, Donald, W. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). PATEL, Gool, F. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). SMITH, Cameron, J. [AU/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- 
- (51)<sup>7</sup> A61K  
(11) WO 2004/093803 (13) A2  
(21) PCT/US2004/011957  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,271 16 Apr/avr 2003 US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PHOTOCHEMOTHERAPEUTIC COMPOUNDS FOR USE IN TREATMENT OF PIN1-ASSOCIATED STATES  
• COMPOSES PHOTOCHEMIOTHERAPEUTIQUES UTILISES DANS LE TRAITEMENT D'ETATS ASSOCIES A PIN1  
(71) FIVE PRIME THERAPEUTICS, INC. [US/US]; 951 Gateway Boulevard, South San Francisco, CA 94080 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) LEE, Ernestine [US/US]; 226 Arlington Avenue, Kensington, CA 94707 (US). HESTIR, Kevin [US/US]; 226 Arlington Avenue, Kensington, CA 94707 (US). CHU, Keting [US/US]; 2017 Easton Drive, Burlingame, CA 94010 (US). MASUOKA, Lorianne [US/US]; 5230 Shafter Avenue, Oakland, CA 94618-1051 (US). WILLIAMS, Lewis, Thomas [US/US]; 125 Chapel Drive, Mill Valley, CA 94941 (US).  
(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, LLP, 1300 I Street, N.W., Washington, DC 20005 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 2004/093805 (13) A2  
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(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 60/464,784 23 Apr/avr 2003 US (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SELECTIVE SPIROCYCLIC GLUCOCORTICOID RECEPTOR MODULATORS  
• MODULATEURS DES RECEPTEURS AUX GLUCOCORTICOIDES SPIROCYCLIQUES SELECTIFS  
(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) ALI, Amjad [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). BALKOVEC, James, M. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). BERESIS, Richard [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). COLLETTI, Steven, L. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). GRAHAM, Donald, W. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). PATEL, Gool, F. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). SMITH, Cameron, J. [AU/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).



(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093806 (13) A2

(21) PCT/US2004/012142

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,553 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOUNDS FOR THE TREATMENT OF METABOLIC DISORDERS

• COMPOSES POUR LE TRAITEMENT DE TROUBLES METABOLIQUES

(71) WELLSTAT THERAPEUTICS CORPORATION [US/US]; 930 Clopper Road, Gaithersburg, MD 20878 (US).

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(72, 75) HODGE, Kirvin, L. [US/US]; 8115 Mississippi Road, Laurel, MD 20724 (US). KAUFMAN, Robert, J. [US/US]; 8129 Stanford Avenue, St. Louis, MO 63130 (US). LEE, Albert [US/US]; Apartment G, 13648 Riverway Drive, Chesterfield, MO 63017 (US). SHARMA, Shalini [US/US]; 211 Bristol Down Drive, Gaithersburg, MD 20878 (US). VON BORSTEL, Reid, W.; 8310 Fox Run, Potomac, MD 20854 (US).

(74) KREISLER, Lewis, J.; Legal Department, 930 Clopper Road, Gaithersburg, MD 20878 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093807 (13) A2

(21) PCT/US2004/012200

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,528 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SOMATOSTATIN VECTORS

• VECTEURS DE SOMATOSTATINE

(71) SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A.S. [FR/FR]; 51-53, rue du Docteur Blanche, F-75016 Paris (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DONG, Zheng, Xin [US/US]; 66 Fairview Street, Holliston, MA 01746 (US). SHEN, Yeelana [US/US]; 5 Crystal Pond Lane, Franklin, MA 02038 (US). COMSTOCK, Jeanne, Mary [US/US]; 30 Mary Drive, West Boylston, MA 01583 (US). KIM, Sun, H. [US/US]; 168 High Rock Street, Needham, MA 02492 (US).

(74) MORRILL, Brian, R.; Biomeasure, Incorporated, 27 Maple Street, Milford, MA 01757-3650 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K

(11) WO 2004/093808 (13) A2

(21) PCT/US2004/012280

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/464,780 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOVEL TUMOR-ASSOCIATED ANTIGENS

• NOUVEAUX ANTIGENES ASSOCIES A UNE TUMEUR

(71) MAXYGEN, INC. [US/US]; 515 Galveston Drive, Redwood City, CA 94063 (US).

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(72, 75) PUNNONEN, Juha [FI/US]; 1506 Pine Knoll Drive, Belmont, CA 94002 (US). APT, Doris [DE/US]; 917 Tamarack Lane, #3, Sunnyvale, CA 94086 (US). NEIGHBORS, Margaret [GB/US]; 191 Higdon Avenue, #3, Mountain View, CA 94041 (US). LEONG, Steven, R. [US/US]; 1914 Eldorado Avenue, Berkeley, CA 94707 (US).

(74) KRUSE, Norman, J. et al. / etc.; Maxygen, Inc. - Patent Department, 515 Galveston Drive, Redwood City, CA 94063 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093809 (13) A2

(21) PCT/US2004/012284

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/464,388 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUBSTITUTED ISOCHROMAN COMPOUNDS FOR THE TREATMENT OF METABOLIC DISORDERS, CANCER AND OTHER DISEASES

• COMPOSES ISOCHROMANE SUBSTITUES POUR LE TRAITEMENT DE TROUBLES METABOLIQUES, DU CANCER ET D'AUTRES MALADIES

(71) INCYTE CORPORATION [US/US]; Experimental Station, Building 336, Rt. 141 & Henry Clay Road, Wilmington, DE 19880 (US).

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(72, 75) TACHDJIAN, Catherine [US/US]; 3905 Caminito Terviso, San Diego, CA 92122 (US). GUO, Jianhua [CN/US]; 3353 Lebon Drive, No. 204, San Diego, CA 92122 (US). BOUDJELAL, Mohamed [DZ/US]; 12494 Creek View Drive, San Diego, CA 92128 (US). AL-SHAMMA, Hussien, A. [US/US]; 134 Townwood Way, Encinitas, CA 92024 (US). GIACHINO, Andrea, Fanjul [US/US]; 12658 Lupita Court, San Diego, CA 92130 (US). JAKUBOWICZ-JAILLARDON, Karine [FR/US]; 9, Residence la Haie du Pont, F-94410 Villebon sur Yvette (FR). CHEN, Qing [CN/US]; 11343 April Leigh Terrace, San Diego, 92126 (US). ZAPF, James, W. [US/US]; 10871 Corte Playa Solana, San Diego, CA 92124 (US). PFAHL, Magnus [DE/US]; 605 North Rios Avenue, Solana Beach, CA 92075 (US).

(74) PERRYMAN, David, G. et al. / etc.; Needle & Rosenberg, P.C., Suite 1000, 999 Peachtree Street, Atlanta, GA 30309-3915 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093810 (13) A2

(21) PCT/US2004/012302

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,571 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND COMPOSITIONS FOR  
TREATING DISORDERS

• METHODES ET COMPOSITIONS DES-  
TINEES A TRAITER DES TROUBLES

(63) US 60/464,571 (CIP)  
21 Apr/avr 2003 (21.04.2003)

(71) EPEIUS BIOTECHNOLOGIES, INC.  
[US/US]; 345 Pioneer Drive, Suite 1803W,  
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345 Pioneer Drive, Suite 1803W, Glendale,  
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(74) REED, Michael; Fish & Richardson P.C.,  
12390 El Camino Real, San Diego, CA 92130  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US (Patent  
/ brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093811 (13) A2

(21) PCT/US2004/012383

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,499 22 Apr/avr 2003 US  
(22.04.2003)

(30) 60/464,830 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITIONS OF A CYCLOOXY-  
GENASE-2 SELECTIVE INHIBITOR  
AND A SODIUM ION CHANNEL  
BLOCKER FOR THE TREATMENT OF  
CENTRAL NERVOUS SYSTEM DAM-  
AGE

• COMPOSITIONS COMPRENANT UN  
INHIBITEUR SELECTIF DE LA CY-  
CLOOXYGENASE-2 ET UN AGENT  
BLOQUANT DU CANAL D'ION SO-  
DIUM POUR LE TRAITEMENT DE

LESIONS DU SYSTEME NERVEUX  
CENTRAL

(71) PHARMACIA CORPORATION

[US/US]; Global Patent Department, 700  
Chesterfield Parkway West, Chesterfield,  
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(74) HEJLEK, Edward, J. et al. / etc.; Senniger,  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093812 (13) A2

(21) PCT/US2004/012399

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,018 22 Apr/avr 2003 US  
(22.04.2003)

(30) 60/489,178 21 Jul/juil 2003 US  
(21.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOUNDS THAT INDUCE NEU-  
RONAL DIFFERENTIATION IN EM-  
BRYONIC STEM CELLS

• COMPOSES INDUISANT UNE DIF-  
FERENTIATION NEURONALE DANS  
DES CELLULES SOUCHE EMBRYON-  
NAIRES

(71) IRM LLC [US/US]; PO BOX HM 2899,  
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(72, 75) DING, Sheng [US/US]; 7867 Aninida  
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Lakeshore, Pointe Claire, Q. C., Québec  
H9S 4H6 (CA). GRAY, Nathanael [US/US];  
5652 Lamas Street, San Diego, CA 92122  
(US). SCHULTZ, Peter [US/US]; 1650 La  
Jolla Rancho, La Jolla, CA 92037 (US).

(74) REID, Scott W. et al. / etc.; The Genomics  
Institute of the Novartis Research Foundation,  
10675 John Jay Hopkins Drive, San Diego,  
CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU AZ  
BA BB BG BR BW BY BZ CA CH CN CO CR CU  
CZ DE DK DM DZ EC EE EG ES FI GB GD GE  
GH GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ  
UA UG UZ VC VN YU ZA ZM ZW AP (BW GH  
GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA  
(AM AZ BY KG KZ MD RU TJ TM) EP (AT BE  
BG CH CY CZ DE DK EE ES FI FR GB GR HU  
IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF  
BJ CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG); (s) for the following designations /  
pour les désignations suivantes : AE AG AL AM  
AT AU AZ BA BB BG BR BW BY BZ CA CH CN  
CO CR CU CZ DE DK DM DZ EC EE EG ES FI  
GB GD GE GH GM HR HU ID IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD  
MG MK MN MW MX MZ NA NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
AP (BW GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ  
TM) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR HU IE IT LU MC NL PL PT RO SE  
SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ  
GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations; (t) for all designations / pour  
toutes les désignations; (t) for all designations /  
pour toutes les désignations; (t) for all designations /  
pour toutes les désignations  
(u) for / pour US only / seulement

(51)<sup>7</sup> A61K

(11) WO 2004/093813 (13) A2

(21) PCT/US2004/012429

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,609 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITIONS OF A CYCLOOXY-  
GENASE-2 SELECTIVE INHIBITOR  
AND A CALCIUM MODULATING  
AGENT FOR THE TREATMENT OF  
PAIN, INFLAMMATION OR INFLAM-  
MATION MEDIATED DISORDERS

• COMPOSITIONS RENFERMANT UN  
INHIBITEUR SELECTIF A L'EGARD  
DE LA CYCLOOXYGENASE 2 ET  
UN AGENT DE MODULATION  
DU CALCIUM POUR LE TRAI-  
TEMENT DE LA DOULEUR, DE  
L'INFLAMMATION OU DE TROUBLES  
DUS A L'INFLAMMATION

(71) PHARMACIA CORPORATION  
[US/US]; Global Patent Department, 700

- Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEPHENSON, Diane, T. [US/US]; 1527 North Road, Groton, CT 06340 (US). TAYLOR, Duncan, P. [US/US]; 8722 West F Avenue, Kalamazoo, MI 49009 (US).
- (74) HEJLEK, Edward, J. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093814 (13) A2  
(21) PCT/US2004/012444  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 60/464,609 22 Apr/avr 2003 US (22.04.2003)  
(30) 60/464,775 23 Apr/avr 2003 US (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITIONS OF A CYCLOOXYGENASE-2 SELECTIVE INHIBITOR AND A SODIUM ION CHANNEL BLOCKER FOR THE TREATMENT OF PAIN, INFLAMMATION OR INFLAMMATION MEDIATED DISORDERS  
• COMPOSITIONS A BASE D'UN INHIBITEUR SELECTIF DE LA CYCLOOXYGENASE-2 ET D'UN BLOQUEUR DU CANAL D'IONS SODIUM POUR LE TRAITEMENT DE LA DOULEUR, DE L'INFLAMMATION OU DE TROUBLES MEDIES PAR L'INFLAMMATION
- (71) PHARMACIA CORPORATION [US/US]; Global Patent Department, 700 Chesterfield Parkway West, Chesterfield, Missouri 63017-1732 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STEPHENSON, Diane, T. [US/US]; 1527 North Road, Groton, Connecticut 06340 (US). TAYLOR, Duncan, P. [US/US]; 8722 West F Avenue, Kalamazoo, Michigan 49009 (US).
- (74) HEJLEK, Edward, J. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, Missouri 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093816 (13) A2  
(21) PCT/US2004/012481  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 60/464,499 22 Apr/avr 2003 US (22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND SYSTEM FOR IMPROVING THE PERFORMANCE OF A PROCESSING SYSTEM  
• PROCEDE ET SYSTEME D'AMELIORATION DE LA PERFORMANCE D'UN SYSTEME DE TRAITEMENT
- (71) RSI CORPORATION [US/US]; 281 Highway 79, Morganville, NJ 07751 (US). HYPERNOVA TECHNOLOGIES, INC. [US/US]; P.O. Box 7044, Reno, NV 89510 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROBERTI, Paolo F. [US/US]; 44-67 Paauhau Road, Paauhau, HI 96775 (US).
- (74) SAWYER, Joseph, A., Jr. et al. / etc.; Sawyer Law Group LLP, P.O. Box 51418, Palo Alto, CA 94303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K  
(11) WO 2004/093817 (13) A2  
(21) PCT/US2004/012627  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 60/464,858 22 Apr/avr 2003 US (22.04.2003)  
(30) 60/505,230 22 Sep/sep 2003 US (22.09.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CHEMOKINE RECEPTOR BINDING HETEROCYCLIC COMPOUNDS WITH ENHANCED EFFICACY  
• COMPOSES HETEROCYCLIQUES SE LIANT AUX RECEPTEURS DES CHIMIOKINES ET QUI PRESENTENT UNE EFFICACITE ACCRUE
- (71) ANORMED INC. [CA/CA]; No. 200-20353 64th Avenue, Langley, British Columbia V2Y 1N5 (CA).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRIDGER, Gary, J. [US/US]; 445 S. Garden Street, Bellingham, WA 98225 (US). MCEACHERN, Ernest, J. [CA/CA]; #3, 15110 Beachview Avenue, White Rock, British Columbia V4B 1P6 (CA). SKERLJ,

- Renato** [US/CA]; 2168 West 14th Avenue, Vancouver, British Columbia V6K 2V7 (CA). **SCHOLS, Dominique** [BE/BE]; Kierveld 9, B-3020 Herent (BE).
- (74) **TONGCO, Emily, C. et al. / etc.**; Morrison & Foerster LLP, Suite 500, 3811 Valley Centre Drive, San Diego, CA 92130-2332 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K**
- (11) **WO 2004/093818** (13) A2
- (21) PCT/US2004/012666
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 60/463,905 **21 Apr/avr 2003** US (21.04.2003)
- (30) 60/483,604 **30 Jun/juin 2003** US (30.06.2003)
- (30) 60/492,342 **5 Aug/août 2003** US (05.08.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • APPARATUS AND METHODS FOR REPETITIVE MICROJET DRUG DELIVERY
- APPAREIL ET METHODES POUR UNE DISTRIBUTION REPETITIVE DE MEDICAMENTS PAR MICROJET
- (71) **STRATAGENT LIFE SCIENCES** [US/US]; 170 Knowles Drive #212, Los Gatos, CA 95032 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **SRINIVASAN, Ravi**; 840 Meridian Way, San Jose, CA 95126 (US). **RATHNASINGHAM, Ruben**; 55 N. Claremont Street, San Mateo, CA 94401 (US). **ARKILIC, Errol, Bernard**; 2012 N. Monroe Street, Arlington, VA 22207 (US).
- (74) **KOHLER, Thomas, D. et al. / etc.**; Morgan, Lewis & Bockius LLP, 3300 Hillview Avenue, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K**
- (11) **WO 2004/093820** (13) A2
- (21) PCT/US2004/013142
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 60/464,700 **23 Apr/avr 2003** US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS AND COMPOSITIONS FOR SOLID TUMOR TREATMENT
- METHODES ET COMPOSITIONS DE TRAITEMENT DES TUMEURS SOLIDES
- (71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LU, Shan** [US/US]; 4 Bogastow Brook Lane, Franklin, MA 02038 (US). **CHOU,**
- 
- Te-hui, W.** [US/US]; 222 Stonebridge Road, Wayland, MA 01778 (US). **WANG, Shixia** [CN/US]; 89 Valentine Road, Northborough, MA 01532 (US).
- (74) **FASSE, J. Peter**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K**
- (11) **WO 2004/093821** (13) A2
- (21) PCT/US2004/013737
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 60/464,923 **22 Apr/avr 2003** US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TREATMENT OF ANTHRAX INFECTION USING INHIBITORS OF LETHAL FACTOR PROTEASE ACTIVITY
- TRAITEMENT DE L'INFECTION PAR ANTHRAX AU MOYEN D'INHIBITEURS DE L'ACTIVITE DE LA PROTEASE DU FACTEUR LETAL
- (71) **HAWAII BIOTECH, INC.** [US/US]; 99-193 Aiea Heights Road, Suite 200, Aiea, HI 96701 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GOLDMAN, Mark, Evan** [US/US]; 1977 Alaaloa Street, Honolulu, HI 96821 (US). **O'MALLEY, Sean** [US/US]; 500 Lunalilo Home Road #24M, Honolulu, HI 96825 (US). **SIMO, Ondrej** [SK/SK]; Okružna 17, 91701 Trnava (SK). **NAGATA, Melissa** [US/US]; 91-1019 Mikohu Street #13R, Ewa Beach, HI 96701 (US). **JIAO, Guan-Sheng** [CN/US]; 1541 Dominis Street #1004, Honolulu, HI 96822 (US). **HEM-SCHIEDT, Klaus, Thomas** [DE/US]; 640 Aipuni Street, Honolulu, HI 96821 (US). **TANG, Peng, Cho** [US/US]; 827 Camino Ricardo, Moraga, CA 94556 (US). **CREGAR, Lynne** [US/US]; 91-1014 Kaiōhe'e Street, Ewa Beach, HI 96706 (US).
- (74) **FAVORITO, Caroliyn, A. et al. / etc.**; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093822 (13) A2

(21) PCT/US2004/004824

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/394,137 24 Mar/mar 2003 US (24.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS FOR PREDICTING AN INDIVIDUAL'S CLINICAL TREATMENT OUTCOME FROM SAMPLING A GROUP OF PATIENTS' BIOLOGICAL PROFILES

• PROCEDES POUR PREVOIR L'ISSUE D'UN TRAITEMENT CLINIQUE SUR UN INDIVIDU A PARTIR DE L'ECHANTILLONNAGE D'UN GROUPE DE PROFILS BIOLOGIQUES DE PATIENTS

(71, 72) WEI, Nien [US/US]; 9 Northridge Way, Warren, New Jersey 07059 (US).

(74) GARRETT, PATRICK, E. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Washington, District of Columbia 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K

(11) WO 2004/093823 (13) A2

(21) PCT/US2004/006082

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/456,081 19 Mar/mar 2003 US (19.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POLYETHELENE GLYCOL LINK GLP-1 COMPOUNDS

• COMPOSES GLP-1 A LIAISON POLY-ETHYLENE GLYCOL

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DIMARCHI, Richard, Dennis [US/US]; 10890 Wilmington Drive, Carmel, IN 46285 (US). GLAESNER, Wolfgang [DE/US]; 7512 Fieldstone Court, Indianapolis, IN 46254 (US). MILLICAN, Rohn, Lee, Junior [US/US]; 8145 Grassy Meadow Court, Indianapolis, IN 46259 (US). VICK, Andrew, Mark [US/US]; 10736 Gateway Drive, Fishers, IN 46038 (US). ZHANG, Lianshan [US/US]; 13244 Snow Owl Drive, Carmel, IN 46033 (US).

(74) COX, Gregory et al. / etc.; Eli Lilly and Company, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K

(11) WO 2004/093824 (13) A2

(21) PCT/US2004/007136

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 60/461,008 8 Apr/avr 2003 US (08.04.2003)

(30) 60/492,748 6 Aug/août 2003 US (06.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PERI-OPERATIVE AND PERI-PROCEDURE NUTRITIONAL SUPPLEMENTATION

• SUPPLEMENTATION NUTRITIONNELLE PERI-OPERATIONNELLE ET PERI-INTERVENTIONNELLE

(71) FAIRFIELD CLINICAL TRIALS, LLC [US/US]; 4675 Main Street, Bridgeport, CT 06606 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANE, Edward, M. [US/US]; 200 Steep Hill Road, Weston, CT 06883 (US).

(74) CASSIDY, Martha et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093825 (13) A2

(21) PCT/US2004/007439

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/453,956 13 Mar/mar 2003 US (13.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS FOR OBTAINING COLONIZATION FACTORS FROM BACTERIAL STRAINS

• PROCEDES POUR PRODUIRE DES FACTEURS DE COLONISATION A PARTIR DE SOUCHES BACTERIENNES

(71) UNITED STATES ARMY MEDICAL RESEARCH AND MATERIEL COMMAND [US/US]; 504 Scott Street, Fort Detrick, MD 21702-5012 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CASSELS, Frederick, J. [US/US]; 6317 Woodcrest Drive, Ellicott City, MD 21043 (US).

(74) ARWINE, Elizabeth et al. / etc.; U.S. Medical Research and Materiel Command, Office of the Staff Judge Advocate, 504 Scott Street, Fort Detrick, MD 21702-5012 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093826 (13) A2

(21) PCT/US2004/007559

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/458,868 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • COMPOSITIONS OF CYCLOOXY-  
GENASE-2 SELECTIVE INHIBITORS  
AND 5-HT<sub>1B</sub>/ID AGONISTS FOR THE  
TREATMENT AND PREVENTION OF  
MIGRAINE

- COMPOSITIONS D'INHIBITEURS SE-  
LECTIFS DE CYCLOOXYGENASE-2  
ET D'AGONISTES 5-HT<sub>1B</sub>/1 D DES-  
TINEES AU TRAITEMENT ET A LA  
PREVENTION DE MIGRAINES

(71) PHARMACIA CORPORATION  
[US/US]; Global Patent Department, 700  
Chesterfield Parkway West, Chesterfield,  
Missouri 63017-1732 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SEIBERT, Karen [US/US]; 147 Marine  
Lanc, St. Louis, Missouri 63146 (US).

(74) DOTY, Kathryn, J. et al. / etc.; Senniger,  
Powers, Leavitt & Roedel, #1 Metropolitan  
Square, 16th Floor, St. Louis, Missouri 63102  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093827 (13) A2

(21) PCT/US2004/008102

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/457,399 25 Mar/mar 2003 US  
(25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • PHENOLIC ACID SALTS OF  
GABAPENTIN IN SOLID DOSAGE  
FORMS AND METHODS OF USE

- SELS D'ACIDE PHENOLIQUE DE  
GABAPENTINE EN FORMES POSO-  
LOGIQUES SOLIDES ET PROCEDES  
D'UTILISATION

(71) KIEL LABORATORIES, INC. [US/US];  
2225 Centennial Drive, Gainesville, GA  
30504 (US).

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les États désignés sauf US)

(72, 75) KIEL, Jeffrey, S. [US/US]; 4253 Chero-  
kee Trail, Gainesville, GA 30504 (US).  
THOMAS, H., Greg [US/US]; 29 Brookside  
Way, Villa Rica, GA 30180 (US). MANI,  
Narasimhan [IN/US]; 5 Sea Court Lane,  
Port Jefferson, NY 11777 (US).

(74) SCHICKLI, Warren, D. et al. / etc.; King  
& Schickli PLLC, 247 North Broadway, Lex-  
ington, KY 40507 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093828 (13) A2

(21) PCT/US2004/008270

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/411,877 9 Apr/avr 2003 US  
(09.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • REVERSE-TURN MIMETICS AND  
METHOD RELATING THERETO

- STRUCTURES MIMETIQUES DE  
COUDES BETA ET PROCEDE AS-  
SOCIE

(71) CHOONGWAE PHARMA CORPORA-  
TION [KR/KR]; 698 Shindaebang-dong,  
Dongjak-gu, Seoul 156-757 (KR).

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les États désignés sauf US)

(72, 75) MOON, Sung-Hwan [KR/KR]; 410-101  
LG Village, Kyunggi-do 441-460 (KR).  
CHUNG, Jae-Uk [KR/KR]; 2-305 Samh-  
wan Apt., Kyunggi-do 441-703 (KR).  
LEE, Sung-Chan [KR/KR]; 336-1501  
Chugong 3rd Apt., Kyunggi-do 441-390  
(KR). EGUCHI, Masakatsu [US/US]; 636  
129th Place Northeast, Bellevue, WA 98005  
(US). KAHN, Michael [US/US]; 10916  
80th Place Northeast, Kirkland, WA 98034  
(US). JEONG, Kwang-Won [KR/KR];  
58-102 Dongjak-dong, Seoul 156-080 (KR).  
NGUYEN, Cu [US/US]; 10918 107th Ave-  
nue Northeast, Arlington, WA 98223 (US).

(74) LIN, Qing et al. / etc.; Seed Intellectual  
Property Law Group PLLC, Suite 6300, 701  
Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093829 (13) A2

(21) PCT/US2004/008358

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/459,415 31 Mar/mar 2003 US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • (-)-1-(4-SULFAMYLYL)-3-SUBSTI-  
TUTED-5-HETEROARYL-2 PYRA-  
ZOLINES AS INHIBITORS OF CY-  
CLOOXYGENASE-2

- (-)-1-(4-SULFAMYRYL)-3-SUBSTI-  
TUE-5-HETEROARYL-2 PYRAZO-  
LINES UTILISEES COMME INHIBI-  
TEURS DE LA CYCLOOXYGENASE-2

(71) TEMPLE UNIVERSITY-OF THE COM-  
MONWEALTH SYSTEM OF HIGHER  
EDUCATION [US/US]; Broad Street and  
Montgomery Avenue, Philadelphia, PA  
19122 (US). ONCONOVA THERAPEU-  
TICS, INC. [US/US]; 993 Lenox Drive,  
Lawrenceville, NJ 08648 (US).

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les États désignés sauf US)

(72, 75) REDDY, Premkumar, E. [US/US]; 547  
Atterbury Road, Villanova, PA 19085 (US).  
REDDY, Ramana, M. V. [US/US]; 921 St.  
Joseph Drive, Upper Darby, PA 19082-5429  
(US). BELL, Stanley, C. [US/US]; 732 Brae-  
burn Lane, Narberth, PA 19072 (US).

(74) MONACO, Daniel, A.; Drinker, Biddle &  
Reath, LLP, One Logan Square, 18th and  
Cherry Streets, Philadelphia, PA 19103-6996  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K

(11) WO 2004/093830 (13) A2

(21) PCT/US2004/008440

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en  
(30) 10/402,420 **28 Mar/mar 2003** US  
(28.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • MODEL FOR NEURODEGENERATIVE DISORDERS  
• MODELE POUR LES TROUBLES NEURODEGENERATIFS

(71) BAYLOR COLLEGE OF MEDICINE [US/US]; One Baylor Plaza, BCMD-600D, Houston, TX 77030 (US).  
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(72, 75) BOTAS, Juan [ES/US]; 1501 D California, Houston, TX 77006 (US). RINCON-LIMAS, Diego [MX/US]; c/o Baylor College of Medicine, MOL Human Genetics, One Baylor Plaza, Houston, TX 77030 (US). FERNANDEZ-FUNEZ, Pedro [ES/US]; c/o Baylor College of Medicine, MOL Human Genetics, One Baylor Plaza S942, Houston, TX 77030 (US). AL-RAMAHI, Ismael [ES/US]; c/o Baylor College of Medicine, MOL Human Genetics, One Baylor Plaza S942, Houston, TX 77030 (US).

(74) WILLIAMS, Kathleen, M.; Palmer & Dodge, LLP, 111 Huntington Avenue, Boston, MA 02199-7613 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K  
(11) WO 2004/093831 (13) A2

(21) PCT/US2004/008846  
(22) 24 Mar/mar 2004 (24.03.2004)  
(25) en (26) en  
(30) 10/404,662 **2 Apr/avr 2003** US  
(02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • CYTOKINE-EXPRESSING CELLULAR VACCINE COMBINATIONS  
• COMBINAISONS DE VACCINS CELLULAIRES EXPRIMANT LES CYTOKINES

(63) US 10/404,662 (CIP)  
2 Apr/avr 2003 (02.04.2003)

(71) CELL GENESYS, INC. [US/US]; 500 Forbes Boulevard, South San Francisco, CA 94080 (US).  
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(72, 75) JOOSS, Karin [US/US]; 12200 SE 10th Street, Bellevue, WA 98005 (US). CRESO, Jennifer [US/US]; 10 9th Avenue, #102, San Mateo, CA 94401 (US). LI, Betty [US/US]; 212 Denslowe Drive, San Francisco, CA

94132 (US). PRELL, Rodney [US/US]; 838 33rd Street, Richmond, CA 94804 (US). AUNG, Sandra [US/US]; 1865 Golden Gate Avenue, Apartment 1, San Francisco, CA 94115 (US). MOSKALENKO, Marina [US/US]; 79 Outlook Circle, Pacifica, CA 94044 (US). DU, Thomas [US/US]; 582 San Mateo Avenue, Apartment B, San Bruno, CA 94066 (US).

(74) KELBER, Steven, B.; Piper Rudnick LLP, 1200 Nineteenth Street N.W., Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 7/00  
(11) WO 2004/093832 (13) A2

(21) PCT/FR2004/000944  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) fr (26) fr  
(30) 03/04826 **17 Apr/avr 2003** FR  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • COSMETIC OR PHARMACEUTICAL COMPOSITION COMPRISING A COMBINATION OF AT LEAST ONE DIACYLGLYCEROL AND AT LEAST ONE FATTY ALCOHOL  
• COMPOSITION COSMETIQUE OU PHARMACEUTIQUE COMPRENANT L'ASSOCIATION D'AU MOINS UN DIACYLGLYCEROL ET D'AU MOINS UN ALCOOL GRAS

(71) SOCIETE D'EXTRACTION DES PRINCIPES ACTIFS (VINCIENCE SA) [FR/FR]; 655, route du Pin Montard - Les Bouillides-, F-06410 Biot (FR).  
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(72, 75) DAL FARRA, Claude [FR/FR]; 30, chemin de San Peyre, F-06650 Opio (FR). DOMLOGE, Nouha [FR/FR]; 10, traverse du Barri, F-06560 Valbonne (FR). PEYRONEL, Dominique [FR/FR]; 25, avenue des Lys, F-13014 Marseille (FR).

(74) SOCIETE D'EXTRACTION DES PRINCIPES ACTIFS (VINCIENCE SA); 655, route du Pin Montard -Les Bouillides-, F-06410 Biot (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :  
*(t) for the following designation / pour la désignation suivante : US*  
*(u) for / pour US only / seulement*

(51)<sup>7</sup> A61K 7/00, 8/02, A61B 5/00  
(11) WO 2004/093833 (13) A2

(21) PCT/US2004/012413  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 60/464,691 **22 Apr/avr 2003** US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PAD FOR CLEANING AND HYDRATING SKIN  
• DISQUE POUR NETTOYER ET HYDRATER LA PEAU

(71) STEINER VENTURES LLC [US/US]; 24 Old Wagon Road, Mount Kisco, NY 10549 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) STEINER, Solomon, S. [US/US]; 24 Old Wagon Road, Mount Kisco, NY 10549 (US).

(74) PABST, Patrea, L. et al. / etc.; Holland & Knight LLP, One Atlantic Center, Suite 2000, 1201 West Peachtree Street, N.D., Atlanta, GA 30309-3400 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 7/06  
(11) WO 2004/093834 (13) A1

(21) PCT/US2004/011881  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,497 **17 Apr/avr 2003** US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PERSONAL CARE PRODUCT CONTAINING DIESTER QUAT  
• PRODUIT POUR LES SOINS PERSONNELS CONTENANT UN DIESTER QUATERNAIRE

(71) CRODA, INC. [US/US]; 7 Century Drive, Parsippany, NJ 07054-4698 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) PEREIRA, Abel, G.; 62 Eugene Place, Belleville, NJ 07109 (US). AMOUR, Duane, St.; 19 Thomas Road, South Amboy, NJ 08879 (US). BARINOVA, Helena, S.; 83 Cooper Avenue, Iselin, NJ 08830 (US).

(74) TESCHNER, Michael, H. et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 7/075

(11) WO 2004/093835 (13) A1

(21) PCT/US2004/012115

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,562 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HAIR CONDITIONING COMPOSITION COMPRISING POLYSORBATES

• COMPOSITION APRES-SHAMPOOING COMPRENANT DES POLYSORBATES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LI, Yujun [CN/JP]; 7-2-1-5-1006 Koyo-cho Naka, Higashinada-ku, Kobe, Hyogo 658-0032 (JP). YANG, Jian-Zhong [CN/JP]; 1-1-141-620 Koyo-cho Naka, Higashinada-ku, Kobe, Hyogo 658-0032 (JP). HASEGAWA, Jun [JP/JP]; 4-11-36-3204 Sumiyoshi-yamate, Higashinada-ku, Kobe, Hyogo 658-0063 (JP).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 7/32, A61L 9/00

(11) WO 2004/093836 (13) A2

(21) PCT/IB2004/001473

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/421,216 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VOC-FREE MICROEMULSIONS

• MICROEMULSIONS EXEMPTES DE COMPOSES ORGANIQUES VOLATILS

(71) FIRMENICH SA [CH/CH]; 1, route des Jeunes, P.O. Box 239, CH-1211 GENEVA 8 (CH).

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(72, 75) VLAD, Florin, Joseph [CA/US]; 9 Kent Court, Annandale, NJ 08801 (US).

(74) SALVATERRA-GARCIA, Maria de Lurdes; Firmenich SA, 1, route des Jeunes, P.O. Box 239, CH-1211 GENEVA 8 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 7/42, 7/00, 9/00, 38/00

(11) WO 2004/093837 (13) A1

(21) PCT/US2004/008640

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/404,585 1 Apr/avr 2003 US (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SKIN-TIGHTENING PREPARATIONS CONTAINING GLIADIN

• PREPARATIONS DE RAFFERMISSEMENT DE LA PEAU CONTENANT DE LA GLIADINE

(71) MGP INGREDIENTS INC. [US/US]; 1300 Main Street, Atchison, KS 66002 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAKWANA, Dharmen [US/US]; 2501 Bent Oak Court, Platte City, MO 64079 (US). MANINGAT, Clodualdo, C. [PH/US]; 15995 Country Lane West, Platte City, MO 64079 (US). BASSI, Sukh [US/US]; 1502 Hilcrest Court, Atchison, KS 66002 (US).

MILLER, Jeremy, T. [US/US]; 3945 N.W. 85th Terrace, Apt. C, Kansas City, MO 64154 (US).

(74) SKOCH, Gregory, J.; Hovey Williams LLP, 2405 Grand Boulevard, Suite 400, Kansas City, MO 64108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 7/48

(11) WO 2004/093838 (13) A1

(21) PCT/EP2004/004005

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 03/05049 24 Apr/avr 2003 FR (24.04.2003)

(30) 60/479,162 18 Jun/juin 2003 US (18.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COSMETIC PEELING METHOD USING UREA

• TECHNIQUE DE PEELING COSMETIQUE AU MOYEN D'UREE

(71) L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SORE, Gabrielle [FR/FR]; 122, avenue Daumesnil, F-75012 Paris (FR). HANSENNE, Isabelle [FR/US]; 639 Salter Place Westfield, Westfield, NJ 07090 (US).

(74) RENARD, Emmanuelle; L'OREAL - D.I.P.I., 25-29, quai Aulagnier, F-92600 Asnieres (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 7/48

(11) WO 2004/093839 (13) A1

(21) PCT/EP2004/004358



- (22) **23 Apr/avr 2004 (23.04.2004)**  
(25) de (26) de  
(30) 103 19 836.9 **24 Apr/avr 2003 DE (24.04.2003)**  
(30) 10 2004 010 645.2 **1 Mar/mar 2004 DE (01.03.2004)**  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • COSMETIC FOR DEPIGMENTATION  
• PRODUIT COSMETIQUE DEPIGMENTANT  
(71) **COTY B.V.** [NL/NL]; Oudeweg 147, NL-2031 CC Haarlem (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **GOLZ-BERNER, Karin** [DE/MC]; 34, quai Jean Charles Rey, MC-98000 Monaco (MC). **ZASTROW, Leonhard** [DE/MC]; 7, avenue des Papalins, MC-98000 Monaco (MC). **SICHLING, Dorothee** [DE/MC]; 44, rue Grimaldi, MC-98000 Monaco (MC).  
(74) **WALTER, Wolf-Jürgen et al. / etc.**; Gulde Hengelhaupt Ziebig & Schneider, Schützenstrasse 15-17, 10117 Berlin (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  

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(51)<sup>7</sup> **A61K 7/48**  
(11) **WO 2004/093840** (13) A2  
(21) PCT/FR2004/000232  
(22) **2 Feb/fév 2004 (02.02.2004)**  
(25) fr (26) fr  
(30) 03/04399 **9 Apr/avr 2003 FR (09.04.2003)**  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD FOR DEMONSTRATING THE DRAINING ACTIVITY OF A COSMETIC TREATMENT, AND COMPOSITION HAVING A DRAINING ACTIVITY  
• PROCEDE DE MISE EN EVIDENCE DE L'ACTIVITE DRAINANTE D'UN TRAITEMENT COSMETIQUE ET COMPOSITION A ACTIVITE DRAINANTE  
(71) **L'OREAL** [FR/FR]; 14 rue Royale, F-75008 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **QUERLEUX, Bernard** [FR/FR]; 5 avenue Jeanne d'Arc, F-94170 Perreux (FR).  
(74) **TANTY, François**; NONY & ASSOCIES, 3 rue de penhièvre, F-75008 Paris (FR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  

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(51)<sup>7</sup> **A61K 7/48**  
(11) **WO 2004/093841** (13) A1  
(21) PCT/US2004/011804  
(22) **16 Apr/avr 2004 (16.04.2004)**  
(25) en (26) en  
(30) 10/418,594 **17 Apr/avr 2003 US (17.04.2003)**  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • COMPOSITIONS AND METHODS FOR REGULATING MAMMALIAN KERATINOUS TISSUE  
• COMPOSITIONS ET PROCEDES DE REGULATION DU TISSU KERATINIQUE MAMMIFERE  
(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **ROBINSON, Larry, Richard** [US/US]; 1114 Tumbleweed Drive, Loveland, OH 45140 (US). **TANNER, Paul, Robert** [US/US]; 1101 Scapine Court, Maineville, OH 45039 (US).  
(74) **REED, David, T.**; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  

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Declarations / Déclarations :  
(s) *for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR)*

- TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
*(t) for all designations / pour toutes les désignations*  

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(51)<sup>7</sup> **A61K 7/50, A47K 7/00**  
(11) **WO 2004/093842** (13) A1  
(21) PCT/JP2004/005937  
(22) **23 Apr/avr 2004 (23.04.2004)**  
(25) ja (26) ja  
(30) 2003/120567 **24 Apr/avr 2003 JP (24.04.2003)**  
(30) 2004/107345 **31 Mar/mar 2004 JP (31.03.2004)**  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • BODY RECESSED PORTION CLEANING AGENT  
• AGENT DE NETTOYAGE D'UNE PARTIE EN CREUX DU CORPS  
(71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashi Kayaba-cho, 1-chome, Chuo-ku, Tokyo 103-8210 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **OKAJIMA, Takao** [JP/JP]; c/o Kao Corporation, Research Laboratories, 2-1-3, Bunka, Sumida-ku, Tokyo 131-0044 (JP). **FUJINAMI, Susumu** [JP/JP]; c/o Kao Corporation, 2-1-3, Bunka, Sumida-ku, Tokyo 131-0044 (JP).  
(74) **HATORI, Osamu et al. / etc.**; Akasaka HKN Bldg. 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  

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(51)<sup>7</sup> **A61K 9/00**  
(11) **WO 2004/093843** (13) A1  
(21) PCT/IB2004/001693  
(22) **23 Apr/avr 2004 (23.04.2004)**  
(25) en (26) en  
(30) 0309342.4 **24 Apr/avr 2003 GB (24.04.2003)**  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • DELAYED RELEASE TABLET WITH DEFINED CORE GEOMETRY  
• COMPRIME A ACTION RETARDEE ET A GEOMETRIE DE NOYAU DEFINIE  
(71) **JAGOTEC AG** [CH/CH]; Eptingerstrasse 51, CH-4132 MuttENZ (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) VERGNAULT, Guy [FR/FR]; 9, rue des Merles, F-68680 Kembs Loechle (FR). GRENIER, Pascal [FR/FR]; Résidence la Clef des Champs, 5, rue des Vignes, F-68510 Kappelren (FR). DRAGAN, Christophe [FR/FR]; 6, rue de l'église, F-68510 Geispitzen (FR).

(74) BASSIL, Nicholas, Charles et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 9/00

(11) WO 2004/093844 (13) A1

(21) PCT/US2004/012382

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/421,231 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MEASURING THE EFFICACY OF A SKIN TREATMENT PROGRAM

• PROCEDE DE MESURE DE L'EFFICACITE D'UN PROGRAMME THERAPEUTIQUE POUR LA PEAU

(71) JOHNSON & JOHNSON CONSUMER COMPANIES, INC. [US/US]; Grandview Road, Skillman, NJ 08558 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUANG, Kelly [US/FR]; 6 rue Thiers, F-78100 Saint Germain en Laye (FR). KOLLIAS, Nikiforos [US/US]; 406 Sunset Road, Skillman, NJ 08558 (US). KURTZ, Ellen [US/US]; 7 Stark Court, Ringoes, NJ 08551 (US). MARTIN, Katharine [GB/US]; 1 High Mowing Road, Ringoes, NJ 08551 (US). NATTER, Florence [US/US]; 166 Capricorn Drive, Apt. 12, Hillsborough, NJ 08844 (US). PELLEGRINO, Arthur [US/US]; 1652 Powderhorn Drive, Newtown, PA 18940 (US).

(74) JOHNSON, Philip S. et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 9/00

(11) WO 2004/093845 (13) A2

(21) PCT/US2004/007458

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/412,063 10 Apr/avr 2003 US (10.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIGAND-COUPLED INITIATOR POLYMERS AND METHODS OF USE

• POLYMERES D'INITIATEUR COUPLE A UN LIGAND ET PROCEDES D'UTILISATION

(71) SURMODICS, INC. [US/US]; 9924 West 74th Street, Eden Prairie, MN 55344-3523 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHUDZIK, Stephen, J. [US/US]; 52 Inner Drive, St. Paul, MN 55116 (US). SWAN, Dale, G. [US/US]; 1856 Parker Road, St. Louis Park, MN 55246 (US).

(74) WEAVER, Paul, L. et al. / etc.; KAGAN BINDER, PLLC, Suite 200 Maple Island Building, 221 Main Street North, Stillwater, MN 55082 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 9/00

(11) WO 2004/093846 (13) A2

(21) PCT/US2004/007809

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/412,081 10 Apr/avr 2003 US (10.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CHARGED INITIATOR POLYMERS AND METHODS OF USE

• POLYMERES AMORCEURS CHARGES ET PROCEDES D'UTILISATION ASSOCIES

(71) SURMODICS, INC. [US/US]; 9924 West 74th Street, Eden Prairie, MN 55344-3523 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHUDZIK, Stephen, J. [US/US]; 52 Inner Drive, St. Paul, MN 55116 (US). OFSTEAD, Ronald, F. [US/US]; 673 Belmont Lane East, Maplewood, MN 55117 (US). SWAN, Dale, G. [US/US]; 1856 Parker Road, St. Louis Park, MN 55246 (US).

(74) WEAVER, Paul, L. et al. / etc.; Kagan Binder, PLLC, Suite 200 Maple Island Building, 221 Main Street North, Stillwater, MN 55082 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 9/00, 9/20, 33/06, 33/20

(11) WO 2004/093847 (13) A1

(21) PCT/US2004/008090

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/405,388 2 Apr/avr 2003 US (02.04.2003)

(30) 10/783,210 20 Feb/fév 2004 US (20.02.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CALCIUM HYPOCHLORITE BLENDED TABLETS

• PASTILLES MIXTES D'HYPOCHLORURE DE CALCIUM

(71) ARCH CHEMICALS, INC [US/US]; a corporation organized under the laws of the Comm, onwealth of Virginia, 501 Merritt 7, P.O.Box 5204, Norwalk, CT 06856-5204 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) BRENNAN, James, P.; 9442 Lazy Circles Drive, Ooltewah, TN 37363 (US). LOOMIS, Paul, S.; 1565 Hood Road, Lawrenceville, GA 30043 (US).

(74) SIMONS, William, A.; Wiggin & Dana LLP, One Century Tower, New Haven, CT 06508-1832 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 9/16, 47/18, 9/14

(11) WO 2004/093848 (13) A2

(21) PCT/GB2004/001628

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/413,022 14 Apr/avr 2003 US  
(14.04.2003)

(30) 10/621,964 17 Jul/juil 2003 US  
(17.07.2003)

(30) 0321612.4 15 Sep/sep 2003 GB  
(15.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICES AND PHARMACEUTICAL  
COMPOSITIONS FOR ENHANCING  
DOSING EFFICIENCY

• DISPOSITIFS ET COMPOSITIONS  
PHARMACEUTIQUES DESTINES A  
AMELIORER L'EFFICACITE DE DO-  
SAGE

(71) VECTURA LTD [GB/GB]; 1 Prospect West,  
Chippenham Wiltshire SN14 6FH (GB).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) STANIFORTH, John [GB/GB]; 1  
Prospect West, Chippenham Wiltshire SN14  
6FH (GB). MORTON, David [GB/GB]; 1  
Prospect West, Chippenham Wiltshire SN14  
6FH (GB). TOBYN, Michael [GB/GB]; 1  
Prospect West, Chippenham Wiltshire SN14  
6FH (GB). EASON, Stephen [GB/GB]; 1  
Prospect West, Chippenham Wiltshire SN14  
6FH (GB). HARMER, Quentin [GB/GB];  
1 Prospect West, Chippenham Wiltshire  
SN14 6FH (GB). GANDERTON, David  
[GB/GB]; 1 Prospect West, Chippenham  
Wiltshire SN14 6FH (GB).

(74) GILL, Sian et al. / etc.; Venner, Shipley LLP,  
20 Little Britain, London EC1A 7DH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K 9/28, 9/20

(11) WO 2004/093849 (13) A1

(21) PCT/IB2004/001181

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/421,229 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DELAYED RELEASE PHARMACEU-  
TICAL COMPOSITIONS CONTAINING  
PROTON PUMP INHIBITORS

• COMPOSITIONS PHARMACEU-  
TIQUES A LIBERATION RETARDEE  
CONTENANT DES INHIBITEURS DE  
LA POMPE A PROTONS

(71) SANDOZ, INC. [US/US]; 506 Carnegie  
Center, Suite 400, Princeton, NJ 08540 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) MATHARU, Amol, Singh [US/US]; 68  
Encampment Drive, Bedminster, NJ 07921  
(US). PATEL, Mahendra, R. [US/US]; 5 Be-  
lair Court, Milltown, NJ 08850 (US). SA-  
DATREZAEI, Mohsen [IR/US]; 4124 Prim-  
rose Drive, Allentown, PA 18104 (US). WU,  
Chuanbin [CN/US]; 53 Lindsey Ct, Franklin  
Park, NJ 08823 (US).

(74) THALLEMER, John et al. / etc.; No-  
vartis AG, Corporate Intellectual Property,  
CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> A61K 9/28, 9/20

(11) WO 2004/093850 (13) A1

(21) PCT/IB2004/001702

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309343.2 24 Apr/avr 2003 GB  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TABLET WITH COLOURED CORE  
• COMPRIME A NOYAU COLORE

(71) JAGOTEC AG [CH/CH]; Eptingerstrasse  
51, CH-4132 Muttentz (CH).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) VERGNAULT, Guy [FR/FR]; 9, rue  
des Merles, F-68680 Kembs, Loechle  
(FR). GRENIER, Pascal [FR/FR]; Rési-  
dence la Clef des Champs, 5, rue des Vi-  
gnes, F-68510 Kappelen (FR). DRAGAN,  
Christophe [FR/FR]; 6, rue de l'Eglise,  
F-68510 Geispitzen (FR).

(74) BASSIL, Nicholas, Charles et al. / etc.; Kil-  
burn & Strode, 20 Red Lion Street, London  
WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 9/48

(11) WO 2004/093851 (13) A1

(21) PCT/US2004/008417

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/403,071 31 Mar/mar 2003 US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ALPHA-HYDROXY ACID ESTER  
DRUG DELIVERY COMPOSITIONS  
AND METHODS OF USE

• COMPOSITIONS POUR  
L'ADMINISTRATION DE ME-  
DICAMENTS CONTENANT UN  
ESTER D'ALPHA-HYDROXY-ACIDE  
ET METHODES D'UTILISATION DE  
CES COMPOSITIONS

(71) ABBOTT LABORATORIES [US/US];  
Dept. 377 Bldg. AP6A-1, 100 Abbott Park  
Road, Abbott Park, IL 60064-6008 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72) LIPARI, John, M.; 6600 Apollo Drive,  
Racine, WI 53406 (US). LONG, Michelle,  
A.; 1429 Castleton Road, Libertyville, IL  
60048 (US).

(74) FERRARI-DILEO, Gabryleda et al. /  
etc.; Abbott Laboratories, Dept. 377 Bldg.  
AP6A-1, 100 Abbott Park Road, Abbott Park,  
IL 60064-6008 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 31/00

(11) WO 2004/093852 (13) A2

(21) PCT/GB2004/001663

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308857.2 16 Apr/avr 2003 GB  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • TREATMENT OF ANGIOTENSIN II RELATED DISEASE  
• TRAITEMENT DE MALADIE LIEE A L'ANGIOTENSINE II

(71, 72) **MARGETTS, George** [GB/GB]; 44 Broomfield Drive, Billingshurst RH14 9TN (GB). **VINSON, Gavin, Paul** [GB/GB]; 37 Birchwood Avenue, Muswell Hill, London N10 3BE (GB).

(74) **CRESSWELL, Thomas, Anthony et al.** / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/00

(11) WO 2004/093853 (13) A2

(21) PCT/PL2004/000027

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) P-359792 22 Apr/avr 2003 PL (22.04.2003)

(30) P-367052 7 Apr/avr 2004 PL (07.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR INHIBITING PATHOGENIC BACTERIA AND FUNGI GROWTH AND MICROBICIDAL COMPOSITION

• PROCEDE POUR INHIBER LA CROISSANCE DE BACTERIES ET DE CHAMPIGNONS PATHOGENES ET COMPOSITION MICROBICIDE

(71) **REMIN, Ewa** [PL/PL]; ul. Smolensk 20/4, PL-31-112 Krakow (PL). **REMIN, Andrzej** [PL/PL]; ul. Smolensk 20/4, PL-31-112 Krakow (PL). **GALOS-HUDY, Malgorzata** [PL/PL]; Czernichow 4, PL-32-070 Czernichow, Krakow (PL).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MARCINKIEWICZ, Janusz** [PL/PL]; ul. Wesele 19/2, PL-30-127 Krakow (PL). **KASPROWICZ, Andrzej** [PL/PL]; ul. Luzycka 65/63, PL-30-658 Krakow (PL).

(74) **HUDY, Ludwik**; Czernichów 4, PL-32-070 Czernichów, Kraków (PL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K 31/00

(11) WO 2004/093854 (13) A2

(21) PCT/US2004/011458

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/464,498 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANTINEOPLASTIC COMBINATIONS  
• COMBINAISONS ANTITUMORALES

(71) **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIBBONS, James, J., Jr.** [US/US]; 33 Terrace Drive, Westwood, NJ 07675 (US). **DUKART, Gary** [US/US]; 1714 Benjamin Drive, Ambler, PA 19002 (US). **SHERMAN, Matthew, L.** [US/US]; 33 Janet Road, Newton, MA 02459 (US).

(74) **KODROFF, Cathy, A. et al.** / etc.; Howson and Howson, 321 Norristown Road, Suite 200, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 31/00

(11) WO 2004/093855 (13) A2

(21) PCT/US2004/011500

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/419,464 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTIPLANAR EMI SHIELDING GASKET AND METHOD OF MAKING

• JOINT POUR BLINDAGE EMI MULTIPLAN

(71, 72) **KAPLO, Joseph, J.** [US/US]; 463 Exeter Road, Hampton, NH 03842 (US).

(74) **DELEAULT, Robert, R.**; Mesmer & Deleault, PLLC, 41 Brook Street, Manchester, NH 03104 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61K 31/00

(11) WO 2004/093856 (13) A2

(21) PCT/US2004/011853

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/414,867 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMBINATION OF A COX-2 INHIBITOR AND AN ALKYLATING-TYPE ANTINEOPLASTIC AGENT FOR TREATMENT OF NEOPLASIA

• COMBINAISON D'UN INHIBITEUR DE COX-2 ET D'UN AGENT ANTINEOPLASTIQUE DE TYPE D'ALKYLATION DESTINEE AU TRAITEMENT DE LA NEOPLASIE

(71) **PHARMACIA CORPORATION** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASFERRER, Jaime, L.** [US/US]; 812 Courtwood Lane, Ballwin, MO 63011 (US).

(74) **FORBES, James, C.**; Harness, Dickey & Pierce, PLC, 7700 Bonhomme, Suite 400, St. Louis, MO 63105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> A61K 31/015, 7/46, A23L 1/30, A61P  
5/34, 15/08, 15/12
- (11) WO 2004/093857 (13) A1
- (21) PCT/JP2004/005608
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) ja (26) ja
- (30) 2003-116890 22 Apr/avr 2003 JP  
(22.04.2003)
- (30) 2004-020860 29 Jan/jan 2004 JP  
(29.01.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITION FOR RELIEVING UN-  
PLEASANT SYMPTOMS ACCOMPAN-  
YING CHANGE IN PROTESTERONE
- COMPOSITION POUR LE CONTROLE  
DES SYMPTOMES DESAGREABLES  
ASSOCIES A UN CHANGEMENT DE  
PROTESTERONE
- (71, 72) SHINOHARA, Kazuyuki [JP/JP];  
c/o NAGASAKI UNIVERSITY, 1-12-4,  
Sakamoto, Nagasaki-shi, Nagasaki, 8528523  
(JP). MOROFUSHI, Masayo [JP/JP];  
c/o NAGASAKI UNIVERSITY, 1-12-4,  
Sakamoto, Nagasaki-shi, Nagasaki, 8528523  
(JP). NISHITANI, Shota [JP/JP]; c/o NA-  
GASAKI UNIVERSITY, 1-12-4, Sakamoto,  
Nagasaki-shi, Nagasaki, 8528523 (JP).
- (72, 75) MAKINOCHI, Toshiharu [JP/JP];  
DAIA BUILDING 901, 3-1-9, Nakadori,  
Akita-shi, Akita, 0100001 (JP).
- (74) NOMURA, Kenichi et al. / etc.;  
Nohki-kaikan Fourth Floor, 30-1, Tsuruya-  
cho 3-chome, Kanagawa-ku, Yokohama-shi,  
Kanagawa, 2210835 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> A61K 31/122, A61P 35/00, 35/04, 43/00
- (11) WO 2004/093858 (13) A1
- (21) PCT/JP2004/006038
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-118581 23 Apr/avr 2003 JP  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MMP EXPRESSION INHIBITOR
- INHIBITEUR D'EXPRESSION DE ME-  
TALLOPROTEINASE MATRICIELLE
- (71) EISAI CO. LTD. [JP/JP]; 4-6-10,  
Koishikawa, Bunkyo-ku, Tokyo, 1128088  
(JP).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) OZAKI, Iwata [JP/JP]; c/o Saga Univer-  
sity Faculty of Medicine, 5-1-1, Nabeshima,  
Saga-shi, Saga, 8490937 (JP). ZHANG,  
Hao [CN/JP]; c/o Saga University Faculty of  
Medicine, 5-1-1, Nabeshima, Saga-shi, Saga,  
8490937 (JP). MIZUTA, Toshihiko [JP/JP];  
c/o Saga University Faculty of Medicine,  
5-1-1, Nabeshima, Saga-shi, Saga, 8490937  
(JP). YAMAMOTO, Kyosuke [JP/JP]; c/o  
Saga University Faculty of Medicine, 5-1-1,  
Nabeshima, Saga-shi, Saga, 8490937 (JP).
- (74) INABA, Yoshiyuki, et al. / etc.; TMI AS-  
SOCIATES 23rd Floor, Roppongi Hills Mori  
Tower, 6-10-1, Roppongi Minato-ku Tokyo,  
1066123 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> A61K 31/155, A61P 31/02, 31/04, A01N  
25/02, 25/22, 25/30, 47/44, A61L 2/18
- (11) WO 2004/093859 (13) A1
- (21) PCT/JP2004/005776
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) ja (26) ja
- (30) 2003-116611 22 Apr/avr 2003 JP  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DILUTION-TYPE STERILIZER COM-  
POSITION
- COMPOSITION DE STERILISATION  
DE TYPE A DILUTION
- (71) SUMITOMO PHARMACEUTICALS  
CO., LTD. [JP/JP]; 2-8, Doshomachi  
2-chome, Chuo-ku, Osaka-shi, Osaka  
5418510 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) SAITO, Koichi [JP/JP]; 20-8-101, Mîna-  
mitsukaguchi-cho 2-chome, Amagasaki-shi,  
Hyogo 6610012 (JP).
- (74) TAKASHIMA, Hajime; Fujimura Yamato  
Seimei Bldg., 2-14, Fushimimachi 4-chome,  
Chuo-ku, Osaka-shi, Osaka 5410044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A61K 31/167, 31/40
- (11) WO 2004/093861 (13) A1
- (21) PCT/US2003/027618
- SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> A61K 31/16, 31/216, A61P 31/12
- (11) WO 2004/093860 (13) A1
- (21) PCT/IB2004/001307
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 60/464,556 21 Apr/avr 2003 US  
(21.04.2003)
- (30) 60/468,197 5 May/mai 2003 US  
(05.05.2003)
- (30) 60/468,504 6 May/mai 2003 US  
(06.05.2003)
- (30) 60/469,065 7 May/mai 2003 US  
(07.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INHIBITORS OF SARS RELATED  
CORONAVIRUS PROTEINASE
- INHIBITEURS DE PROTEINASE DE  
CORONAVIRUS APPARENTE AU VI-  
RUS DU SRAS
- (71) PFIZER INC. [US/US]; 235 East 42nd  
Street, New York, NY 10017 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) FUHRMAN, Shella, Ann [US/US];  
Agouron Pharmaceuticals, Inc. Pfizer Com-  
pany, 10777 Science Center Drive, San  
Diego, CA 92121 (US). MATTHEWS,  
David, Allan [US/US]; Agouron Pharmaceu-  
ticals, Inc., Pfizer Company, 10777 Science  
Center Drive, San Diego, CA 92121 (US).  
PATICK, Amy, Karen [US/US]; Agouron  
Pharmaceuticals, Inc., Pfizer Company,  
10777 Science Center Drive, San Diego,  
CA 92121 (US). REJTO, Paul, Abraham  
[US/US]; Agouron Pharmaceuticals, Inc.,  
Pfizer Company, 10777 Science Center  
Drive, San Diego, CA 92121 (US).
- (74) LUMB, J., Trevor; Pfizer Inc., 201 Tabor  
Road, Morris Plains, 07950 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (22) **4 Sep/sep 2003 (04.09.2003)**
- (25) en (26) en
- (30) 10/392,333 **19 Mar/mar 2003 US (19.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TROSPIMUM CONTAINING COMPOSITIONS  
• COMPOSITIONS A BASE DE TROSPIMUM
- (71) **ADVANCED INHALATION RESEARCH, INC.** [US/US]; 88 Sidney Street, Cambridge, MA 02169 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **EHRICH, Elliot** [US/US]; 2 Oak Meadow Road, Lincoln, MA 01773 (US). **DEAVER, Daniel** [US/US]; \* (\*\*). **CLARKE, Robert** [US/US]; \* (\*\*). **LIPP, Michael, M.** [US/US]; 11 Salvi Drive, Framingham, MA 01710 (US).
- (74) **ELMORE, Carolyn, S. et al.** / etc.; Elmore Craig, P.C., 209 Main Street, Chelmsford, MA 01863 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/185, 31/19, 31/194, 33/42, A61P 37/00**
- (11) **WO 2004/093863** (13) A1
- (21) PCT/CN2004/000402
- (22) **26 Apr/avr 2004 (26.04.2004)**
- (25) zh (26) zh
- (30) PCT/CN03/00299 **24 Apr/avr 2003 CN (24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A COMPOSITION COMPRISING AN EDIBLE ACID OR ITS ACIDIC SALT AND THE USE THEREOF  
• COMPOSITION CONTENANT UN ACIDE COMESTIBLE OU SON SEL ACIDE ET SON UTILISATION
- (71, 72) **SHIAO, Shin-Jen** [CN/CN]; 4F-6, No. 98, Jianzhong Road, Hsinchu 300, Taiwan (CN).
- (74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th Floor, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/185, 33/00, A23L 2/38, A61P 37/00**
- (11) **WO 2004/093862** (13) A1
- (21) PCT/CN2004/000178
- (22) **5 Mar/mar 2004 (05.03.2004)**
- (25) zh (26) zh
- (30) PCT/CN03/00299 **24 Apr/avr 2003 CN (24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PHARMACEUTICAL COMPOSITION COMPRISING EDIBLE ACIDS OR THE ACID SALTS AND ITS USE  
• COMPOSITION PHARMACEUTIQUE COMPRENANT DES ACIDES COMESTIBLES OU DES SELS D'ACIDE ET UTILISATION DE CETTE COMPOSITION
- (71, 72) **SHIAO, Shin-Jen** [CN/CN]; 4F-6, No.98 Jianzhong Road, Hsinchu 300, Taiwan (CN).
- (74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th Floor, Vantone New World Plaza, 2 Fuchengmenwai Street, Beijing 100037 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/192, 31/195, 31/38, 31/40**
- (11) **WO 2004/093864** (13) A1
- (21) PCT/US2003/008846
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NON-STEROIDAL ANTI-INFLAMMATORY DRUG DOSING REGIMEN  
• REGIME POSOLOGIQUE POUR ANTI-INFLAMMATOIRES NON STEROIDIENS
- (71) **MCNEIL-PPC, INC.** [US/US]; Grandview Road, Skillman, NJ 08558 (US).
- (72) **GELOTTE, Cathy, K**; 935 Malden Court, Blue Bell, PA 19422 (US). **HOUGH, Douglas, R**; 437 Musket Drive, Morrisville, PA 19067 (US). **MCNALLY, Gerard, P**; 177 Coldstream Drive, Berwyn, PA 19312 (US).
- (74) **JOHNSON, Philip, S. et al.** / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/195**
- (11) **WO 2004/093865** (13) A1
- (21) PCT/KR2004/000947
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) ko (26) en
- (30) 10-2003-0026015 **24 Apr/avr 2003 KR (24.04.2003)**
- (30) 10-2003-0098859 **29 Dec/déc 2003 KR (29.12.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITION FOR SLIMMING  
• COMPOSITION POUR MAIGRIR
- (71) **AMOREPACIFIC CORPORATION** [KR/KR]; 181, Hankang-ro 2-ka, Yongsan-ku, Seoul 140-777 (KR).  
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- (72, 75) **KIM, Ji Hyun** [KR/KR]; No. 302, 52-25, Shingal-ri, Giheung-eup, Yongin-si, Kyunggi-do, 449-907 (KR). **AHN, Soo Mi** [KR/KR]; No. 103-708, Wonchun Jukong Apartment, Wonchun-dong, Paldal-ku, Suwon-si, Kyunggi-do 442-755 (KR). **LEE, Jong Chan** [KR/KR]; No. 142-1101, Hanil town, Jowon-dong, Jangnam-ku, Suwon-si, Kyunggi-do 440-709 (KR). **KIM, Young Kyung** [KR/KR]; No. 510-1002, Jukong Apartment, Gumhwa-maule, Sangkal-ri, Giheung-eup, Yongin-si, Kyunggi-do 449-905 (KR). **LEE, Byeong Gon** [KR/KR]; No. 102-1206, geosan Apartment, 104-3, Gumgeok-dong, Kwonsun-gu, Suwon-si, Kyunggi-do 441-838 (KR). **KIM, Sun Young** [KR/KR]; No. 101-806, Samsung Apartment, Purunmaule, 931, Hogye 2-dong, Dongan-ku, Anyang-si, Kyunggi-do 431-837 (KR). **PARK, Ji Eun** [KR/KR]; No. ga-302, Yoksam art villa 893-1, Dogok-1-dong, Kangnam-ku, Seoul 135-859 (KR). **PARK, Hyun Woo** [KR/KR]; No. 105-1404, Hanmaem Limkwang Apartment, Hogye 2-dong, Dongan-ku, Anyang-si, Kyunggi-do 431-752 (KR). **LEE, Sang Jun** [KR/KR]; No. 205-702, LG Apartment, Hansolmaule, Jeongja-dong, Bundang-ku, Sungnam-si, Kyunggi-do 463-909 (KR). **KANG, Hak Hee** [KR/KR]; No. 111-2501, Daelim Apartment, Moojigaemaule, Goomi-dong, Bundang-ku, Sungnam-si, Kyunggi-do 463-703 (KR).
- (74) **YOON, Dong-Yol**; 9th Fl., Yosam Bldg., 648-23, Yoksam-dong, Kangnam-ku, Seoul 135-748 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/195, C07C 229/48, 61/08, A61P 25/00
- (11) WO 2004/093866 (13) A1
- (21) PCT/US2004/007871
- (22) 16 Mar/mar 2004 (16.03.2004)
- (25) en (26) en
- (30) 60/457,431 25 Mar/mar 2003 US (25.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PROCESS FOR PREPARING PHENOLIC ACID SALTS OF GABAPENTIN
- PROCEDE PERMETTANT DE PREPARER DES SELS D'ACIDE PHENOLIQUE DE GABAPENTINE
- (71) KIEL LABORATORIES, INC. [US/US]; 2225 Centennial Drive, Gainesville, GA 30504 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIEL, Jeffrey, S. [US/US]; 4253 Cherokee Trail, Gainesville, GA 30504 (US). THOMAS, Greg, H. [US/US]; 29 Brookside Way, Villa Rica, GA 30180 (US). MANI, Narasimhan [IN/US]; 5 Sea Court Lane, Port Jefferson, NY 11777 (US).
- (74) SCHICKLI, Warren, D. et al. / etc.; King and Schickli PLLC, 247 North Broadway, Lexington, KY 40507 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/196, 31/5685, A61P 35/00, 19/10
- (11) WO 2004/093868 (13) A1
- (21) PCT/US2004/012417
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 10/421,685 23 Apr/avr 2003 US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • THERAPEUTIC COMBINATION OF A COX-2 INHIBITOR AND AN AROMATASE INHIBITOR
- ASSOCIATION THERAPEUTIQUE D'UN INHIBITEUR DE LA COX-2 ET D'UN INHIBITEUR DE L'AROMATASE
- (71) PHARMACIA CORPORATION [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MASFERRER, Jaime, L. [US/US]; 812 Courtwood Lane, Ballwin, MO 63011 (US).
- (74) FORBES, James, C. et al. / etc.; Harness, Dickey & Pierce, P.L.C., 7700 Bonhomme, Suite 400, St. Louis, MO 63105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/195, C07C 229/48, 61/08, A61P 25/00
- (11) WO 2004/093867 (13) A2
- (21) PCT/US2004/007872
- (22) 16 Mar/mar 2004 (16.03.2004)
- (25) en (26) en
- (30) 60/457,408 25 Mar/mar 2003 US (25.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PHENOLIC ACID SALTS OF GABAPENTIN IN LIQUID AND/OR SEMI-SOLID DOSAGE FORMS AND METHODS OF USE
- SELS D'ACIDE PHENOLIQUE DE GABAPENTINE SOUS UNE FORME GALÉNIQUE LIQUIDE OU SEMI-SOLIDE ET MODE D'UTILISATION
- (71) KIEL LABORATORIES, INC. [US/US]; 2225 Centennial Drive, Gainesville, GA 30504 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIEL, Jeffrey, S. [US/US]; 4253 Cherokee Trail, Gainesville, GA 30504 (US). THOMAS, H., Greg [US/US]; 29 Brookside Way, Villa Rica, GA 30180 (US). MANI, Narasimhan [IN/US]; 5 Sea Court Lane, Port Jefferson, NLY 11777 (US).
- (74) SCHICKLI, Warren, D. et al. / etc.; King and Schickli PLLC, 247 North Broadway, Lexington, KY 40507 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/202, 31/36
- (11) WO 2004/093869 (13) A1
- (21) PCT/US2004/011164
- (22) 12 Apr/avr 2004 (12.04.2004)
- (25) en (26) en
- (30) 10/418,466 18 Apr/avr 2003 US (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NOVEL DIETARY COMPOSITIONS TO REDUCE INFLAMMATION
- COMPOSITIONS ALIMENTAIRES PERMETTANT DE REDUIRE UNE INFLAMMATION
- (71) ZONE ENTERPRISES, INC. [US/US]; 222 Rosewood Drive, The Tower, Fifth Floor, Danvers, MA 01923 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) Sears, Barry [US/US]; 42 Stanwood Road, Swampscott, MA 01907 (US). BELL, Stacey, J. [US/US]; 56 Amherst Road, Belmont, MA 02478 (US).
- (74) WILSON, Daniel, A.; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)<sup>7</sup> A61K 31/34
- (11) WO 2004/093870 (13) A1
- (21) PCT/US2004/002990
- (22) 4 Feb/fév 2004 (04.02.2004)
- (25) en (26) en
- (30) 60/456,286 20 Mar/mar 2003 US (20.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TREATMENT AND PREVENTION OF OTIC DISORDERS

• TRAITEMENT ET PREVENTION DE TROUBLES OTIQUES

(71) PHARMACIA CORPORATION [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

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(72, 75) SIEBERT, Karen [US/US]; 147 Marine Lane, St. Louis, MO 63146 (US).

(74) NELSON MULLINS RILEY & SCARBOROUGH LLP; P.O. Box 11070, Columbia, SC 29211-1070 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 31/405

(11) WO 2004/093871 (13) A1

(21) PCT/US2004/005155

(22) 20 Feb/fév 2004 (20.02.2004)

(25) en (26) en

(30) 60/458,162 27 Mar/mar 2003 US (27.03.2003)

(30) 60/527,449 5 Dec/déc 2003 US (05.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOVEL METHODS FOR THE TREATMENT OF CANCER

• PROCEDES DE TRAITEMENT DU CANCER

(71) LANKENAU INSTITUTE FOR MEDICAL RESEARCH [US/US]; 100 Lancaster Avenue, Wynnewood, PA 19096 (US).

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(72, 75) PRENDERGAST, George, C. [US/US]; 414 Bryn Mawr Avenue, Bala-Cynwyd, PA 19004 (US). MULLER, Alexander, J. [US/US]; 738 Pine Ridge Road, Media, PA 19063 (US). DUHADAWAY, James, B. [US/US]; 800 Bellefonte Avenue, Wilmington, DE 19809 (US). MALACHOWSKI, William [US/US]; 4004 Bittersweet Circle, Collegeville, PA 19426 (US).

(74) RIGAUT, Kathleen, D. et al. / etc.; Dann, Dorfman, Herrell and Skillman, 1601 Market Street, Suite 2400, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 31/416, C07D 231/56, C07C 275/26, A61P 3/06

(11) WO 2004/093872 (13) A1

(21) PCT/US2004/006092

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/459,362 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • 3-OXO-1, 3-DIHYDRO-INDAZOLE-2-CARBOXYLIC ACID AMIDE DERIVATIVES AS PHOSPHOLIPASE INHIBITORS

• UTILISATION DE DERIVES AMIDES D'ACIDE 3-OXO-1,3-DIHYDRO-INDAZOLE-2-CARBOXYLIQUE COMME INHIBITEURS DE LA PHOSPHOLIPASE

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

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(72, 75) EACHO, Patrick, Irving [US/US]; 7240 Elm Ridge Drive, Indianapolis, IN 46236 (US). FOXWORTHY-MASON, Patricia, Sue [US/US]; 8049 Campbell Avenue, Indianapolis, IN 46250 (US). LIN, Ho-Shen [US/US]; 8128 Trevellian Way, Indianapolis, IN 46217 (US). LOPEZ, Jose, Eduardo [DO/US]; 10224 Chestwick Lane, Fishers, IN 46038 (US). MOSIOR, Marian, Kazimierz [PL/US]; 406 Shoemaker Drive, Carmel, IN 46033 (US). RICHTET, Michael, Enrico [US/US]; 5832 Baron Court, Indianapolis, IN 46250 (US).

(74) GINAH, Franics, O. et al. / etc.; Patent Division, Eli Lilly and Company, P.O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> A61K 31/4184, C07D 235/18, 405/10, 401/10, 401/12, 405/12, 409/12, 403/12, A61P 43/00

(11) WO 2004/093873 (13) A1

(21) PCT/US2004/011775

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,542 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • 2-PHENYL-BENZIMIDAZOL AND 2-PHENYL-IMIDAZO-4,5-PYRIDINE DERIVATIVES AS CHECKPOINT KINASE CDS1 (CHK2) INHIBITORS FOR THE TREATMENT OF CANCER

• DERIVES DE 2-PHENYL-BENZIMIDAZOLE ET DE 2-PHENYL-IMIDAZO-4,5-PYRIDINE UTILISES COMME INHIBITEURS DE LA KINASE CHECKPOINT CDS1 (CHK2) POUR TRAITEMENT ANTICANCEREUX

(71) JANSSEN PHARMACEUTICA, N.V. [BE/BE]; Turnhoutseweg 30, B-2340 Beerse (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AMERIKS., Michael, K. [US/US]; 3854 Sequoia Street, San Diego, California 92109 (US). ARIENTI., Kristen, L. [US/US]; 8255 Pasadena Ave., LaMesa, California 91941 (US). AXE, Frank, U. [US/US]; 1250 Birch Ave., Escondido, California 92027 (US). BREITENBUCHER, J., Guy [US/US]; 2433 North Summit Circle Glen, Escondido, California 92026 (US).

(74) JOHNSON, Philip, S. et al. / etc.; JOHNSON & JOHNSON, 1 Johnson & Johnson Plaza, New Brunswick, New Jersey 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (25) en (26) en
- (30) RM2003A000194 24 Apr/avr 2003 IT  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • USE OF 7-NITRO-2,1,3 BENZOXA-DIAZOLE DERIVATIVES FOR ANTI-CANCER THERAPY  
• UTILISATION DE DERIVES DE 7-NITRO-2,1,3 BENZOXADIAZOLE A DES FINS DE THERAPIE ANTICANCE-REUSE
- (71) UNIVERSITA' DEGLI STUDI DI ROMA "TOR VERGATA" [IT/IT]; Via Orazio Raimondo, 18, I-00173 Roma (IT).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CACCURI, Anna Maria [IT/IT]; Università' degli Studi di Roma "Tor Vergata", Via Orazio Raimondo, 18, I-00173 Roma (IT). RICCI, Giorgio [IT/IT]; Università' degli Studi di Roma "Tor Vergata", Via Orazio Raimondo, 18, I-00173 Roma (IT).
- (74) BANCHETTI, Marina et al. / etc.; Ing. Barzano & Zanardo Roma S.p.A., Via Piemonte 26, I-00187 Roma (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/4439, 9/20, 9/28, 9/48, A61P 01/04
- (11) WO 2004/093875 (13) A1
- (21) PCT/US2004/012332
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 340/MAS/2003 22 Apr/avr 2003 IN  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ORAL PHARMACEUTICAL FORMULATIONS COMPRISING ACID-LABILE ACTIVE INGREDIENTS AND A WATER-SOLUBLE SUGAR DERIVATIVE, USE THEREOF AND THE SUITABLE PROCESS FOR MANUFACTURING THESE  
• FORMULATIONS PHARMACEUTIQUES ORALES À BASE DE PRINCIPES ACTIFS LABILES EN MILIEU ACIDE ET DE DÉRIVÉS GLUCIDES HYDROSOLUBLES, UTILISATION DE CES FORMULATIONS, ET PROCÉDÉ DE FABRICATION APPROPRIÉ
- (71) DR. REDDY'S LABORATORIES LIMITED [IN/IN]; 7-1-27 Ameerpet, Hyderabad, 500 016 Andhra Pradesh (IN). DR. REDDY'S LABORATORIES, INC. [US/US]; 200 Sommerset Corporate Boulevard, 7th Floor, Bridgewater, NJ 08807 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOLHE, Ujwal, Damu [IN/IN]; 7-1-27 Ameerpet, Hyderabad, 500 016 Andhra Pradesh (IN). KRISHNA, Divi, Murali [IN/IN]; 7-1-27 Ameerpet Hyderabad, 500 016 Andhra Pradesh (IN). DIXIT, Akhilesh, Ashok [IN/IN]; 7-1-27 Ameerpet Hyderabad, 500 016 Andhra Pradesh (IN). DESHMUKH, Abhijit, Mukund [IN/IN]; 7-1-27 Ameerpet Hyderabad, 500 016 Andhra Pradesh (IN). RAJPUT, Narayan, Daga [IN/IN]; 7-1-27 Ameerpet Hyderabad, 500 016 Andhra Pradesh (IN). MOHAN, Mailatur, Sivaraman [IN/IN]; 7-1-27 Ameerpet Hyderabad, 500 016 Andhra Pradesh (IN). REDDY, Manne, Satyanarayana [IN/IN]; 7-1-27 Ameerpet Hyderabad, 500 016 Andhra Pradesh (IN). KUMAR, Muppa, Kishore [IN/IN]; 7-1-27 Ameerpet Hyderabad, 500 016 Andhra Pradesh (IN). PURENDER, Koilkonda [IN/IN]; 7-1-27 Ameerpet Hyderabad, 500 016 Andhra Pradesh (IN). REDDY, Alieti, Sanjay [IN/IN]; 7-1-27 Ameerpet Hyderabad, 500 016 Andhra Pradesh (IN).
- (74) CORD, Janet, I. et al. / etc.; Ladas & Parry LLP, 26 West 61st Street, New York, NY 10023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/4741, 31/155, 31/65, A61P 31/04
- (11) WO 2004/093876 (13) A2
- (21) PCT/US2004/008616
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 60/460,187 3 Apr/avr 2003 US  
(03.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND COMPOSITION FOR CONTROLLING ORAL PATHOGENS  
• PROCEDE ET COMPOSITION POUR REGULER DES PATHOGENES ORAUX
- (71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 352 Administration Building, 506 South Wright Street, Urbana, IL 61801 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WU, Christine, D. [US/US]; 206 Racquet Club court, Hinsdale, IL 60521 (US). KINGHORN, Douglas [US/US]; 1240 North Lake Shore Drive, #28A, Chicago, IL 60612 (US). ROBERTS, Sara, Kate [US/US]; 908 South Bishop, 2nd Floor, Chicago, IL 60607-4020 (US).
- (74) NAPOLI, James, J.; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/5025, A61P 27/02, 27/04
- (11) WO 2004/093878 (13) A1
- (21) PCT/US2004/011413
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en

- (30) 60/463,374 **16 Apr/avr 2003** US  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • USE OF FUSED PYRIDAZINE DERIVATIVES FOR TREATING DRY EYE DISORDERS  
• UTILISATION DE DERIVES DE PYRIDAZINE FONDUE SERVANT A TRAITER DES TROUBLES LIES A LA SECHESSE DE L'OEIL
- (71) ALCON, INC. [CH/CH]; Bosch 69, P.O. Box 62, CH-6331 Hünenberg (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHARIF, Najam, A. [US/US]; 2111 Winding Creek Drive, Keller, TX 76248 (US). HELLBERG, Mark, R. [US/US]; 3002 Oak Cove Road, Arlington, TX 76017 (US).
- (74) RYAN, Patrick, M. et al. / etc.; Alcon Research, Ltd., R & D Counsel Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/517, A61P 35/00, C07D 401/12, 403/12, 239/94, 417/12, 413/12
- (11) WO 2004/093880 (13) A1
- (21) PCT/GB2004/001713
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 0309009.9 **22 Apr/avr 2003** GB  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • 4-ANILINO-QUINAZOLINE DERIVATIVES AS ANTIPROLIFERATIVE AGENTS  
• DERIVES DE 4-ANILINO-QUINAZOLINE UTILISES COMME AGENTS ANTIPROLIFERATIFS
- (71) ASTRAZENECA AB [SE/SE]; Sodertälje, S-SE-151 85 (SE).  
(for all designated States except / pour tous les États désignés sauf MG US)
- (71) ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).  
(only for / seulement pour MG)
- (72, 75) BRADBURY, Robert, Hugh [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). KETTLE, Jason, Grant [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).
- (74) ASTRAZENECA; Global Intellectual Property, S-151 85 Södertälje (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/565, 31/568, 31/57, 45/00, 47/40, 9/08, 9/06, A61P 5/24, 25/14, 25/18, 25/26, 25/28, 27/02, 27/06, 27/10, 27/12, 27/14 // C07J 1/00
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- (21) PCT/JP2004/004709
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-114969 **18 Apr/avr 2003** JP  
(18.04.2003)
- (30) 2003-132910 **12 May/mai 2003** JP  
(12.05.2003)
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/519, A61P 7/02
- (11) WO 2004/093881 (13) A2
- (21) PCT/EP2004/004097
- (22) 17 Apr/avr 2004 (17.04.2004)
- (25) en (26) en
- (30) 60/465,168 **24 Apr/avr 2003** US  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • USE OF DIPYRIDAMOLE OR MOPIDAMOLE FOR TREATMENT AND PREVENTION OF THROMBO-EMBOLIC DISEASES AND DISORDERS CAUSED BY EXCESSIVE FORMATION OF THROMBIN AND/OR BY ELEVATED EXPRESSION OF THROMBIN RECEPTORS  
• UTILISATION DU DIPYRIDAMOLE OU DU MOPIDAMOLE POUR LE TRAITEMENT ET LA PREVENTION DE MALADIES THROMBO-EMBOLIQUES ET DE TROUBLES INDUITS PAR LA FORMATION EXCESSIVE DE THROMBINE ET/OU PAR L'EXPRESSION ELEVEE DES RECEPTEURS DE LA THROMBINE
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Strasse 173, 55216 Ingelheim/Rhein (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EISERT, Wolfgang [DE/DE]; Nettelbeckstrasse 19, 30175 Hannover (DE). SEREBRUANY, Victor, L. [US/US]; 9101 East Stayman Drive, Elliott City, MD 21042 (US).
- (74) BOEHRINGER INGELHEIM INTERNATIONAL GMBH; Binger Strasse 173, 55216 Ingelheim/Rhein (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/505, 31/4402, 31/426, 31/421, C07D 239/42, 213/38, 277/82, 263/58, A61P 3/04
- (11) WO 2004/093879 (13) A1
- (21) PCT/US2004/010970
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 60/464,581 **17 Apr/avr 2003** US  
(17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • (3-{3-(2,4-BIS-TRIFLUORMETHYLBENZYL)-(5-ETHYL-PYRIMIDIN-2-YL)-AMINO}-PROPOXY}-PHENYL)-ACETIC ACID AND RELATED COMPOUNDS AS MODULATORS OF PPARS AND METHODS OF TREATING METABOLIC DISORDERS  
• ACIDE (3-{3-(2,4-BIS-TRIFLUORMETHYLBENZYL)-(5-ETHYL-PYRIMIDIN-2-YL)-AMINO}-PROPOXY}-PHENYL)-ACETIQUE ET COMPOSES ASSOCIES EN TANT QUE MODULATEURS DE PPAR, ET PROCEDES POUR TRAITER DES TROUBLES DU METABOLISME
- (71) KALYPSYS, INC. [US/US]; 11099 North Torrey Pines Road, La Jolla, CA 92037 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (30) 2003-329165 **19 Sep/sep 2003** JP  
(19.09.2003)
- (30) 2003-354135 **14 Oct/oct 2003** JP  
(14.10.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • REMEDIES FOR DISEASES TO BE APPLIED TO EYE  
• REMEDES A APPLIQUER SUR L'OEIL POUR SOIGNER DIFFERENTES MALADIES
- (71) **ADVANCED MEDICINE RESEARCH INSTITUTE** [JP/JP]; 26-7, Okusawa 3-chome, Setagaya-ku, Tokyo, 1580083 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKAMOTO, Shinseiro**
- (74) **TSUKUNI, Hajime**; SVAX TS Bldg., 22-12, Toranomom 1-chome, Minato-ku, Tokyo, 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/606**
- (11) **WO 2004/093884** (13) A2
- (21) PCT/EP2004/004297
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) PA 2003 00612 **23 Apr/avr 2003** DK  
(23.04.2003)
- (30) 03388023.8 **23 Apr/avr 2003** EP  
(23.04.2003)
- (30) 60/464,649 **23 Apr/avr 2003** US  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HIGH DRUG LOAD MESALAZINE SACHET  
• SACHET DE MESALAZINE A FORTE CHARGE EN SUBSTANCE MEDICAMENTEUSE
- (71) **FERRING B.V.** [NL/NL]; Polarisavenue 144, NL-2132 JX Hoofddorp (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JEPSEN, Svenn, Klüver** [DK/DK]; Kollemosevej 33D, DK-2840 Holte (DK).
- (74) **POULSEN, Niels, Jakob**; Ferring Pharmaceuticals A/S, Kay Fiskers Plads 11, DK-2300 Copenhagen S (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/606**
- (11) **WO 2004/093883** (13) A2
- (21) PCT/EP2004/004280
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) PA 2003 00612 **23 Apr/avr 2003** DK  
(23.04.2003)
- (30) 03388023.8 **23 Apr/avr 2003** EP  
(23.04.2003)
- (30) 60/464,649 **23 Apr/avr 2003** US  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SACHET FOR A PHARMACEUTICAL COMPOSITION  
• SACHET POUR COMPOSITION PHARMACEUTIQUE
- (71) **FERRING B.V.** [NL/NL]; Polarisavenue 144, N-2132 JX Hoofddorp (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WIDERSTRÖM, Carin** [SE/SE]; Höllviksstrandsvägen 77 B, S-23638 Höllviken (SE).
- (74) **NIELS, Jakob, Poulsen**; Ferring Pharmaceuticals A/S, Kay Fiskers Plads 11, DK-2300 Copenhagen S (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
- COMPOSITIONS CONTENANT DU LACTULOSE DESTINEES A TRAITER DES INFECTIONS A ROTAVIRUS
- (71) **BRISTOL MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Lawrenceville-Princeton Road, Princeton, NJ 08543 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LOCNISKAR, Mary, Frances** [US/US]; 4113 Blackjack Oak Drive, Lawrence, KS 66047 (US). **PETSCHOW, Bryon, Walter** [US/US]; 10622 Gettysburg Road, Newburgh, IN 47630 (US). **BURNS, Robert, Alexander** [US/US]; 8128 Briarwood Drive, Evansville, IN 47715 (US). **SICKLES, Virginia, Sue** [US/US]; 2800 S. Court Drive, Evansville, IN 47711 (US). **HANSEN, James, Wayne** [US/US]; 5600 Spring Park Drive, Evansville, IN 47711 (US). **RUMSEY, Steven, Charles** [US/US]; 6809 Kolb Drive, Evansville, IN 47715 (US).
- (74) **JONES, Neil, C.**; Nelson Mullins Riley & Scarborough, LLP, P.O. Box 11070, Columbia, SC 29211 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61K 31/7048, 9/00, 9/107, A61P 17/00**
- (11) **WO 2004/093886** (13) A1
- (21) PCT/EP2004/004950
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 03/05048 **24 Apr/avr 2003** FR  
(24.04.2003)
- (30) 60/468,994 **9 May/mai 2003** US  
(09.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TOPICAL FORMULATION OF IVERMECTIN FOR THE TREATMENT OF DERMATOLOGICAL CONDITIONS  
• FORMULATION A USAGE TOPIQUE DIVERMECTINE POUR LE TRAITEMENT DE CONDITIONS DERMATOLOGIQUES
- (71) **GALDERMA RESEARCH & DEVELOPMENT, S.N.C.** [FR/FR]; 635, route des Lucioles, Quartier des Clausonnes, F-06560 Valbonne-Sophia-Antipolis (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MANETTA, Vincent** [US/US]; 72 Creekwood Drive, Bordentown, NJ 08505 (US). **WATKINS, Gary, R.** [US/US]; 176 Keswick Drive, Piscataway, NJ 08554 (US).
- (74) **L'OREAL**; Andral, Christophe - D.I.P.I., 25-29, quai Aulagnier, F-92600 Asnières (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/728, A61F 13/20, A61M 3/00, A61P 15/00, 31/04
- (11) WO 2004/093887 (13) A1
- (21) PCT/US2004/008431
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/401,522 28 Mar/mar 2003 US (28.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITIONS COMPRISING HYALURONIC ACID FOR THE PREVENTION OF UROGENITAL INFECTIONS
- COMPOSITIONS A BASE D'ACIDE HYALURONIQUE, CONVENANT A LA PREVENTION D'INFECTIONS GENITO-URINAIRES
- (71) KIMBERLY-CLARK WORLDWIDE INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YANG, Shu-Ping [CN/US]; 430 Fieldstone Landing, Alpharetta, GA 30005 (US). HUANG, Yanbin [CN/US]; 507 Belcourt Parkway, Roswell, GA 30076 (US). WEART, Ilona, F. [US/US]; 506 Drifton Way, Woodstock, GA 30188 (US).
- (74) CHADWICK, Robin, A. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 33/26, 33/00, 9/16, 47/30, A61P 35/00
- (11) WO 2004/093889 (13) A1
- (21) PCT/JP2004/003397
- (22) 15 Mar/mar 2004 (15.03.2004)
- (25) ja (26) ja
- (30) 2003-090536 28 Mar/mar 2003 JP (28.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR PREPARING THERAPEUTIC AGENT FOR CANCER
- PROCEDE POUR PREPARER UN AGENT THERAPEUTIQUE ANTICANCEREUX
- (71) KANSAI TECHNOLOGY LICENSING ORGANIZATION CO., LTD. [JP/JP]; 1, Chudoji Awatacho, Shimogyo-ku, Kyoto-shi, Kyoto 6008815 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOKUBO, Tadashi [JP/JP]; 2-50, Umeaoka, Nagaokakyo-shi, Kyoto 6170841 (JP). KAWASHITA, Masakazu [JP/JP]; Ouest Seize 201, 18-1 Daikenbo, Okukai-inji, Nagaokakyo-shi, Kyoto 6170853 (JP).
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- (25) en (26) en
- (30) 60/464,294 21 Apr/avr 2003 US (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CHARGED POLYSACCHARIDES RESISTANT TO LYSOSOMAL DEGRADATION DURING KIDNEY FILTRATION AND RENAL PASSAGE AND THEIR USE TO TREAT OR PREVENT INFECTION BY CORONAVIRUSES
- POLYSACCHARIDES CHARGES RESISTANT A LA DEGRADATION LYSOSOMALE PENDANT LA FILTRATION RENALE ET LE PASSAGE RENAL, ET LEUR UTILISATION POUR TRAITER OU PREVENIR L'INFECTION A CORONAVIRUS
- (71) MONASH UNIVERSITY [AU/AU]; Wellington Road, Clayton, Victoria 3800 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COMPER, Wayne, D. [AU/AU]; 387 Old Warrandyte Road, North Ringwood, Victoria 3134 (AU).
- (74) PHILLIPS ORMONDE & FITZPATRICK; 367 Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 35/54
- (11) WO 2004/093890 (13) A2
- (21) PCT/CN2004/000259
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) zh (26) zh
- (30) 03116085.9 27 Mar/mar 2003 CN (27.03.2003)
- (30) 2004100026065 13 Jan/jan 2004 CN (13.01.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PHARMACEUTICAL COMPOSITION COMPRISING BIOELEMENT (ENZYME AND FACTOR)
- COMPOSITION PHARMACEUTIQUE COMPRENANT UN BIOELEMENT (ENZYME ET FACTEUR)
- (71, 72) WANG, Jinhua [CN/CN]; No.159, Gu'er Cun, Gushan Zhen, Fuzhou, Fujian 350014 (CN).
- (72, 75) WANG, Jun [CN/CN]; No.159, Gu'er Cun, Gushan Zhen, Fuzhou, Fujian 350014 (CN). WANG, Rongrong [CN/CN]; No.159, Gu'er Cun, Gushan Zhen, Fuzhou, Fujian 350014 (CN).
- (74) DRAGON INTERNATIONAL PATENT OFFICE; A1210 China International Science & Technology Con. vention Center, No. 12 Yumin Road, Chaoyang District, Beijing 100029 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 31/737, A61P 31/00, 31/04, 31/10, 31/12
- (11) WO 2004/093888 (13) A1
- (21) PCT/AU2004/000518
- (22) 21 Apr/avr 2004 (21.04.2004)

- (51)<sup>7</sup> A61K 35/78, 31/405  
(11) WO 2004/093891 (13) A1  
(21) PCT/EP2004/004382  
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(25) en (26) en  
(30) 03076187.8 23 Apr/avr 2003 EP (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • VEGETABLE EXTRACT COMPOSITIONS COMPRISING INODOLE ACETIC, METHODS FOR THE PREPARATION OF SAID COMPOSITIONS, AND THEIR USE AS CELL GROWTH INHIBITING AGENTS  
• COMPOSITIONS D'EXTRAITS VEGETAUX CONTENANT DE L'ACIDE INDOLE ACETIQUE, PROCÉDES DE PRÉPARATION DESDITES COMPOSITIONS ET LEUR UTILISATION EN TANT QU'AGENTS INHIBANT LA CROISSANCE CELLULAIRE  
(71) VEIJLEN N.V. [NL/NL]; Kaya W.F.G. Mensing 18, Willemstad, Curaçao (AN).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) GILLESSEN, Hubert, Jean, Marie, François [BE/BE]; Meesjesstraat 9, B-3620 Lanaken (BE).  
(74) VAN SOMEREN, Petronella, Francisca, Hendrika, Maria; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  

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**(51)<sup>7</sup> A61K 38/00**  
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(21) PCT/US2004/011501  
(22) 14 Apr/avr 2004 (14.04.2004)  
(25) en (26) en  
(30) 60/463,226 16 Apr/avr 2003 US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHODS AND COMPOSITIONS FOR SELECTIVE MODULATION OF VASCULARIZATION  
• PROCÉDES ET COMPOSITIONS DE MODULATION SELECTIVE DE VASCULARISATION  
(71) GENENTECH, INC. [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) GERRITSEN, Mary, E. [CA/US]; 541 Parrott Drive, San Mateo, CA 94402 (US). HONGO, Jo-Anne, S. [US/US]; 31 Shaw Court, Redwood City, CA 94061 (US). ZLOT, Constance, H. [US/US]; 37 Laurel Grove Avenue, Kentfield, CA 90904 (US).  
(74) NAIK, Paul et al. / etc.; 1 DNA Way, South San Francisco, CA 94080-4990 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  

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**(51)<sup>7</sup> A61K 38/00**  
(11) WO 2004/093893 (13) A2  
(21) PCT/US2004/011728  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,424 16 Apr/avr 2003 US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • TREATMENT OF CONDITIONS INVOLVING AMYLOID PLAQUES  
• TRAITEMENT D'ÉTATS IMPLIQUANT DES PLAQUES AMYLOIDES  
(71, 72) STRITTMATTER, Stephen, M. [US/US]; 96 Tulip Tree Drive, Guilford, CT 06437 (US). LEE, Daniel, H., S. [CA/US]; 361 Dutton Road, Sudbury, MA 01776 (US). LI, Weiwei [CN/US]; 8A Hastings Street, Framingham, MA 01701 (US).  
(74) HALEY, James, F., Jr. et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  

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(21) PCT/US2004/011767  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en

- (30) 60/463,342 17 Apr/avr 2003 US (17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • USE OF B7-H3 AS AN IMMUNOREGULATORY AGENT  
• UTILISATION DE B7-H3 EN TANT QU'AGENT IMMUNOREGULATEUR  
(71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) LING, Vincent [US/US]; 18 Forsythe Drive, Walpole, MA 02081 (US). CARRENO, Beatriz, M. [US/US]; 37 Nash Road, Acton, MA 01720 (US). COLLINS, Mary [US/US]; 54 Rathburn Road, Natick, MA 01760 (US).  
(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  

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**(51)<sup>7</sup> A61K 38/00, 31/47, 31/425, 31/42, 31/415, 31/34**  
(11) WO 2004/093895 (13) A1  
(21) PCT/US2004/012282  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 60/464,609 22 Apr/avr 2003 US (22.04.2003)  
(30) 60/464,775 23 Apr/avr 2003 US (23.04.2003)  
(30) 60/465,068 24 Apr/avr 2003 US (24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • COMPOSITIONS OF A CYCLOOXYGENASE-2 SELECTIVE INHIBITOR AND A POTASSIUM ION CHANNEL MODULATOR FOR THE TREATMENT OF PAIN, INFLAMMATION OR INFLAMMATION MEDIATED DISORDERS  
• COMPOSITIONS D'INHIBITEUR SELECTIF DE LA CYCLOOXYGENASE-2 ET DE MODULATEUR DE CANAL D'ION POTASSIUM POUR LE TRAITEMENT DE LA DOULEUR, DES INFLAMMATIONS ET DES TROUBLES INDUITS PAR DES INFLAMMATIONS  
(71) PHARMACIA CORPORATION [US/US]; Global Patent Department, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) STEPHENSON, Diane, T. [US/US]; 1527 North Road, Groton, CT 06340 (US). TAYLOR, Duncan, P. [US/US]; 8722 West F Avenue, Kalamazoo, MI 49009 (US).

(74) HEJLEK, Edward, J. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61K 38/00, 31/47, 31/425, 31/42, 31/415, 41/34

(11) WO 2004/093896 (13) A1

(21) PCT/US2004/012500

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,499 22 Apr/avr 2003 US (22.04.2003)

(30) 60/464,830 23 Apr/avr 2003 US (23.04.2003)

(30) 60/465,268 24 Apr/avr 2003 US (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITIONS OF A CYCLOOXYGENASE-2 SELECTIVE INHIBITOR AND A POTASSIUM ION CHANNEL MODULATOR FOR THE TREATMENT OF CENTRAL NERVOUS SYSTEM DAMAGE

• COMPOSITIONS CONSTITUEES D'UN INHIBITEUR SELECTIF DE LA CYCLOOXYGENASE-2 ET D'UN MODULATEUR DES CANAUX IONIQUES DU POTASSIUM DESTINEES AU TRAITEMENT DE LESIONS DU SYSTEME NERVEUX CENTRAL

(71) PHARMACIA CORPORATION [US/US]; Global Patent Department, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEPHENSON, Diane, T. [US/US]; 1527 North Road, Groton, CT 06340 (US). TAYLOR, Duncan, P. [US/US]; 8722 West F Avenue, Kalamazoo, MI 49009 (US).

(74) HEJLEK, Edward, J. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 38/06, 38/07, 38/24, A61P 37/00, 37/06, 29/00, 19/02, 3/10

(11) WO 2004/093897 (13) A1

(21) PCT/EP2004/003747

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 03076028.4 8 Apr/avr 2003 EP (08.04.2003)

(30) 03076029.2 8 Apr/avr 2003 EP (08.04.2003)

(30) 03076027.6 8 Apr/avr 2003 EP (08.04.2003)

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(30) 03076022.7 8 Apr/avr 2003 EP (08.04.2003)

(30) 03076021.9 8 Apr/avr 2003 EP (08.04.2003)

(30) 03076025.0 8 Apr/avr 2003 EP (08.04.2003)

(30) 03076024.3 8 Apr/avr 2003 EP (08.04.2003)

(30) 03076030.0 8 Apr/avr 2003 EP (08.04.2003)

(30) 03076023.5 8 Apr/avr 2003 EP (08.04.2003)

(30) 10/409,671 8 Apr/avr 2003 US (08.04.2003)

(30) 03131227.6 30 Apr/avr 2003 CN (30.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITIONS FOR MUCOSAL AND ORAL ADMINISTRATION COMPRISING HCG FRAGMENTS

• COMPOSITION COMPRENANT DES FRAGMENTS D'HCG POUR ADMINISTRATION PAR VOIE MUCOSALE ET BUCCALE

(71) BIOTEMPT, B.V. [NL/NL]; Hoge Linthorst 1, NL-7958 NZ Koekange (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KHAN, Nisar, Ahmed [NL/NL]; Groene Hilledijk 256-A, NL-3074 AD Rotterdam (NL). BENNER, Robbert [NL/NL]; Middeldijk 25, NL-2992 SH Barendrecht (NL). WENSVOORT, Gert [NL/NL]; Hoge Linthorst 1, NL-7958 NZ Koekange (NL).

(74) BOND, Laurence, B. et al. / etc.; Laurance Bond Solicitors, Francis House, 112 Hill Road, Cambridge CB2 1PH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 38/16

(11) WO 2004/093898 (13) A2

(21) PCT/FR2004/000874

(22) 8 Apr/avr 2004 (08.04.2004)

(25) fr (26) fr

(30) 0304746 16 Apr/avr 2003 FR (16.04.2003)

(30) 0403158 26 Mar/mar 2004 FR (26.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMMUNOMODULATORY PRODUCT OBTAINED FROM A BIFIDOBACTERIUM CULTURE AND COMPOSITIONS CONTAINING THE SAME

• PRODUIT IMMUNOMODULATEUR OBTENU A PARTIR D'UNE CULTURE DE BIFIDOBACTERIUM ET COMPOSITIONS LE CONTENANT

(71) COMPAGNIE GERVAIS DANONE [FR/FR]; 130, rue Jules Guesde, F-92302 Levallois Perret (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETAY, Valérie [FR/FR]; 156 rue Georges Bizet, F-59850 Nieppe (FR). LECROIX, Francis [FR/FR]; 244, rue Henri Baillet, F-59270 Godewaersvelde (FR). PERRIN, Emmanuel [FR/FR]; 419 r Poperinghe, F-59299 Boeschepe (FR). GONTIER, Charles [FR/FR]; 33 rue de la Louvière, F-59800 Lille (FR). BLAREAU, Jean-Pierre [FR/FR]; 65, rue de Cassel, F-59114 Steenvoorde (FR). ROMOND, Marie-Bénédictie [FR/FR]; 13-14, résidence les Andelys, Parc St Maur, F-59800 Lille (FR). SINGER, Elisabeth [FR/FR]; 7 ter, Boulevard Louis XIV, F-59800 Lille (FR). ODOU, Marie-Françoise [FR/FR]; 65, rue Henri Baillieu, F-59270 Godeswaersvelde (FR). DEMAILLY-MULLIE, Catherine [FR/FR]; 28, route nationale, F-62450 Le Sars (FR).

(74) GOULARD, Sophie et al. / etc.; CABINET ORES, 36, rue de St Pétersbourg, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 38/16, 35/74
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- (21) PCT/FR2004/000875
- (22) 8 Apr/avr 2004 (08.04.2004)
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- (30) 0304745 16 Apr/avr 2003 FR (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMMUNOMODULATORY PRODUCT OBTAINED FROM A BIFIDOBACTERIUM CULTURE AND COMPOSITIONS CONTAINING THE SAME
- PRODUIT IMMUNOMODULATEUR OBTENU A PARTIR D'UNE CULTURE DE BIFIDOBACTERIUM ET COMPOSITIONS LE CONTENANT
- (71) COMPAGNIE GERVAIS DANONE [FR/FR]; 130, rue Jules Guesde, F-92302 Levallois Perret (FR).  
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- (72, 75) PETAY, Valérie [FR/FR]; 156 rue Georges Bizet, F-59850 Nieppe (FR). LECROIX, Francis [FR/FR]; 244, rue Henri Baillieu, F-59270 Godewaersvelde (FR). PERRIN, Emmanuel [FR/FR]; 419 r Poperinghe, F-59299 Boescheppe (FR). GONTIER, Charles [FR/FR]; 33 rue de la Louvière, F-59800 Lille (FR). BLAREAU, Jean-Pierre [FR/FR]; 65, rue de Cassel, F-59114 Steenvoorde (FR). ROMOND, Marie-Bénédicte [FR/FR]; 13-14, résidence les Andelys, Parc St Maur, F-59800 Lille (FR). SINGER, Elisabeth [FR/FR]; 7 ter, Boulevard Louis XIV, F-59800 Lille (FR). ODOU, Marie-Françoise [FR/FR]; 65, rue Henri Baillieu, F-59270 Godeswaersvelde (FR). DEMAILLY-MULLIE, Catherine [FR/FR]; 28, route nationale, F-62450 Le Sars (FR).
- (74) GOULARD, Sophie et al. / etc.; CABINET ORES, 36, rue de St Pétersbourg, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) 11 Mar/mar 2004 (11.03.2004)
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- (30) 60/458,916 28 Mar/mar 2003 US (28.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITIONS AND METHODS FOR TREATING POXVIRUS INFECTION
- COMPOSITIONS ET PROCÉDES POUR TRAITER UNE INFECTION DUE AU POXVIRUS
- (71) INTERMUNE, INC. [US/US]; 3280 Bayshore Boulevard, Brisbane, CA 94005 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURPHY, Brian [US/US]; 1100 Gough Street, San Francisco, CA 94109 (US). BLATT, Lawrence M. [US/US]; 10 Shoreview, San Francisco, CA 94121 (US).
- (74) BORDEN, Paula, A.; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (21) PCT/JP2004/004516
- (22) 30 Mar/mar 2004 (30.03.2004)
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- (54) • APOPTOSIS INDUCING AGENT AND METHOD OF INDUCING APOPTOSIS
- AGENT INDUISANT UNE APOPTOSE ET PROCEDE POUR INDUIRE UNE APOPTOSE
- (71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi Saitama, 3320012 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIMADA, Hideaki, [JP/JP]; 1-13-6, Wakamiya Ichikawa-shi Chiba, 2720812 (JP). MATSUSHITA, Kazuyuki, [JP/JP]; 540-36, Yahagicho, Chuo-ku Chiba-shi Chiba, 2600851 (JP). TOMONAGA, Takeshi, [JP/JP]; 540-69, Yahagicho, Chuo-ku Chiba-shi Chiba, 2600851 (JP). NOMURA, Fumio, [JP/JP]; 1-20-11, Tsuganodai, Wakaba-ku Chiba-shi Chiba, 2640033 (JP). OCHIAI, Takenori, [JP/JP]; 7-15, Shiomi-gaoka, Chuo-ku Chiba-shi Chiba, 2600034 (JP).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) 19 Mar/mar 2003 (19.03.2003)
- (25) en (26) en
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- (54) • CONFORMATIONALLY CONSTRAINED PARATHYROID HORMONES WITH  $\alpha$ -HELIX STABILIZERS
- HORMONES PARATHYROIDIENNES CONTRAINTES DE MANIERE CONFORMATIONNELLE AVEC DES STABILISATEURS EN HELICE SG(A)
- (71) THE GENERAL HOSPITAL CORPORATION [US/US]; Fruit Street, Boston, MA 02492 (US). BRISTOL-MYERS SQUIBB COMPANY [US/US]; Route 206 & Provinceline Road, Princeton, NJ 08543-4000 (US).  
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- (72, 75) GARDELLA, Thomas, J. [US/US]; 1045 Greendale Avenue, Needham, MA 02492 (US). POTTS, John, T., Jr. [US/US]; Building 149, 13th Street, Charlestown, MA 02129 (US). KRONENBERG, Henry, M. [US/US]; 50 Blossom Street, Boston, MA 02114 (US). SHIMIZU, Naoto [JP/US]; Pharmaceutical Research Dept. II, Chugai Pharmaceutical Co., Ltd, 1-135 Komakado, Gotemba, Shizuoka 412-8513 (JP). CARTER, Percy [US/US]; 34 Parkside Drive, Princeton, NJ 08504 (US).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (25) en (26) en  
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 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • METHODS AND COMPOSITIONS FOR IMMUNOMODULATION USING CD1 ANTIGENS  
 • PROCEDES ET COMPOSITIONS D'IMMUNOMODULATION METTANT EN OEUVRE DES ANTIGENES CD1  
 (71) THE BRIGHAM AND WOMEN'S HOSPITAL, INC. [US/US]; 75 Francis Street, Boston, MA 02115 (US). TRUSTEES OF BOSTON UNIVERSITY [US/US]; 147 Bay Street, Boston, MA 02109 (US).  
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 (72, 75) MOODY, D., Branch [US/US]; 132 Clement Avenue, West Roxbury, MA 02132 (US). COSTELLO, Catherine, E. [US/US]; 3 Summit Drive, B1, Reading, MA 01867-4025 (US). YOUNG, David, C. [US/US]; 467 Bangor Road, Benton, Maine 04901-3702 (US).  
 (74) TREVISAN, Maria, A.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (54) • METHODS FOR PREVENTING CAT-TLE REPRODUCTIVE DISEASES  
 • METHODES POUR PREVENIR LES MALADIES GENESIQUES DES BO-VINS  
 (71) PFIZER PRODUCTS INC. [US/US]; East-ern Point Road, Groton, CT 06340 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) ELLSWORTH, Michael, Aaron [US/US]; Pfizer Global Research and De-velopment, 601 West Corhusker Highway,
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 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • IMMUNOGENIC COMPOSITION AND METHODS  
 • COMPOSITIONS ET METHODES IM-MUNOGENES  
 (71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).  
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 (72, 75) ELDRIDGE, John, H. [US/US]; 16 Wellington Lane, Somers, NY 10589 (US). ISRAEL, Zimra, R. [US/US]; 200 River-side Blvd. #402, New York, NY 10069 (US). EGAN, Michael, A. [US/US]; 3212 Whispering Hills, Chester, NY 10918 (US). UDEM, Stephen, A. [US/US]; 155 West 70th Street, Apt. 6F/G, New York, NY 10023 (US).  
 (74) BAK, Mary, E. et al. / etc.; Howson and Howson, 321 Norristown Road, Suite 200, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61K 39/395, A61P 17/00, 17/04, 17/14, 37/06  
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 (21) PCT/JP2004/005580  
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 (29.01.2004)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • THERAPEUTIC AGENT FOR DER-MATITIS AND/OR ALOPECIA AND/OR ITCH, METHOD FOR EVAL-UATING THERAPEUTIC AGENT FOR ALOPECIA AND/OR ITCH, AND NEW TRANSGENIC ANIMAL  
 • AGENT THERAPEUTIQUE DESTINE A LA DERMATITE ET/OU L'ALOPECIE



ET/OU LES DEMANGEAISONS, METHODE D'EVALUATION DE L'AGENT THERAPEUTIQUE DESTINE A L'ALOPECIE ET/OU LES DEMANGEAISONS, ET NOUVEL ANIMAL TRANSGENIQUE

(71, 72) HOSHINO, Tomoaki [JP/JP]; 1-8-7, Utsukushigaoka-minami, Chikushino-shi, Fukuoka 818-0034 (JP).

(74) KIJIMA, Tomoko; TOMO Patent & Trademark, 1-3-28-403, Inada-uemachi, Higashi Osaka City, Osaka 577-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 39/395

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(25) en (26) en

(30) 60/465,155 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITIONS AND METHODS FOR THE THERAPY OF INFLAMMATORY BOWEL DISEASE

• COMPOSITIONS ET TECHNIQUES DESTINEES A LA THERAPIE D'UNE MALADIE INTESTINALE INFLAMMATOIRE

(71) MEDAREX, INC. [US/US]; 707 State Road, Princeton, NJ 08540-1437 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PICKFORD, Lesley, B. [US/US]; 345 Elm Street, Menlo Park, CA 94025 (US). BEBBINGTON, Christopher, R. [GB/US]; 132 Avila Road, San Mateo, CA 94402 (US). YARRANTON, Geoffrey, T. [US/US]; 1148 Balboa Avenue, Burlingame, CA 94010 (US). KING, David [US/US]; 1744 Terrace Drive, Belmont, CA 94002 (US).

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(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 39/40, A61P 37/04, C12Q 1/02 // C12N 1/20

(11) WO 2004/093909 (13) A1

(21) PCT/CA2004/000607

(22) 23 Apr/avr 2004 (23.04.2004)

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(30) 10/828,557 21 Apr/avr 2004 US (21.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS TO REGULATE BIOFILM FORMATION

• PROCEDES PERMETTANT DE REGULER LA FORMATION DE BIOFILMS

(71) UNIVERSITY TECHNOLOGIES INTERNATIONAL, INC. [CA/CA]; 3553 31st Street, N.W., Calgary, Alberta T2N 2A1 (CA).

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(72, 75) STOREY, Douglas, G. [CA/CA]; 9 Silverstone Mews, N.W., Calgary, Alberta T3B 5K8 (CA). PARKINS, Michael, D. [CA/CA]; 2 Cathedral Road, N.W., Calgary, Alberta T2M 4K3 (CA). CERI, Howard [CA/CA]; 3824 Brooklyn Crescent, N.W., Calgary, Alberta T2N 1N4 (CA). OLSON, Merle, E. [CA/CA]; 3707 Underhill Place, N.W., Calgary, Alberta T2N 4G3 (CA).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/JP2004/005429

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-117381 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REMEDY FOR CEREBRAL NEURODEGENERATIVE DISEASES USING PPAR $\delta$  AGONIST

• REMEDE CONTRE DES MALADIES CEREBRALES NEURODEGENERATIVES UTILISANT UN AGONISTE DES PPAR $\delta$ (D)

(71) FUJISAWA PHARMACEUTICAL CO., LTD. [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).

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(72, 75) KITA, Yasuhiro [JP/JP]; c/o Fujisawa Pharmaceutical, Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). YAMAZAKI, Takao [JP/JP]; c/o Fujisawa Pharmaceutical, Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). MURAMOTO, Masakazu [JP/JP]; c/o Fujisawa Pharmaceutical, Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). IWASHITA, Akinori [JP/JP]; c/o Fujisawa Pharmaceutical, Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). MORIGUCHI, Akira [JP/JP]; c/o Fujisawa Pharmaceutical, Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP). MATSUOKA, Nobuya [JP/JP]; c/o Fujisawa Pharmaceutical, Co., Ltd., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8514 (JP).

(74) TABUSHI, Eiji; c/o Fujisawa Pharmaceutical, Co., Ltd. Osaka Factory, 1-6, Kashima 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8514 (JP).

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(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 45/00, 39/395, 31/7088, 48/00, A61P 13/08, 35/00, C12N 15/00, C12Q 1/68, 1/02, G01N 33/50, 33/15

(11) WO 2004/093911 (13) A1

(21) PCT/JP2004/005745

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-115233 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PHARMACEUTICAL COMPOSITION FOR PROSTATIC DISEASE TREATMENT

• COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DE MALADIES PROSTATIQUES

(71, 72) KAKEHI, Yoshiyuki [JP/JP]; 2-8-44-503, Ogimachi, Takamatsu-shi, Kagawa, 7600013 (JP).

(72, 75) SAKAMOTO, Shinji [JP/JP]; c/o JAPAN TOBACCO INC., Pharmaceutical Frontier Research Laboratories, 1-13-2,

- Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa, 2360004 (JP). **YOKOYAMA, Masahiro** [JP/JP]; c/o JAPAN TOBACCO INC., Pharmaceutical Frontier Research Laboratories, 1-13-2, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa, 2360004 (JP).
- (74) **TAKASHIMA, Hajime**; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61K 45/00, 31/55, 39/395, 48/00, A61P 7/00, 11/00, 29/00 // C07D 403/06, 401/14, 417/14, 471/04
- (11) WO 2004/093912 (13) A1
- (21) PCT/JP2004/005930
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-118432 23 Apr/avr 2003 JP (23.04.2003)
- (30) 2004-052191 26 Feb/fév 2004 JP (26.02.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PREVENTIVE AND/OR THERAPEUTIC AGENT FOR NEUTROPHIL INFLAMMATION DISEASE
- AGENT PROPHYLACTIQUE ET/OU THERAPEUTIQUE CONTRE LES MALADIES INFLAMMATOIRES A NEUTROPHILES
- (71) **KYOWA HAKKO KOGYO CO. LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, 1008185 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAKI, Mayumi**NONAKA, HiromiMIYAJI, HiromasaTAKAHASHI, ChisaMANABE, HaruhikoHIURA, NaokoMIKI, IchiroABE, YuzuruSASAKI, KatsutoshiKOBATAKE, ChoeiCHIKAWA, ShunjiGOTO, AkihisaSUDA, Toshio
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61K 45/06, A61P 11/00, 11/06
- (11) WO 2004/093914 (13) A1
- (21) PCT/US2004/008329
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) en (26) en
- (30) 10/402,771 28 Mar/mar 2003 US (28.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • FORMULATIONS FOR TREATMENT OF PULMONARY DISORDERS COMPRISING A BRONCHODILATOR, A VASOCONSTRICTOR AND A CORTICOSTEROID
- FORMULATIONS DESTINEES AU TRAITEMENT DE TROUBLES PULMONAIRES, REUNISSANT UN BRONCHODILATEUR, UN VASOCONSTRICTEUR ET UN CORTICOSTEROIDE
- (71) **TEDOR PHARMA, INC.** [US/US]; 400 Highland Corporate Drive, Cumberland, RI 02864 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> A61K 45/06, 38/27, 31/585, A61P 9/12
- (11) WO 2004/093913 (13) A1
- (21) PCT/GB2004/001771
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) en (26) en
- (30) 0309328.3 24 Apr/avr 2003 GB (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TREATMENT OF HYPERTENSION
- TRAITEMENT DE L'HYPERTENSION
- (71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 100 Route 206 North, Peapack, NJ 07977 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRYKLUND, Linda** [GB/SE]; Korphoppsgatan 42, S-121 65 Stockholm (SE). **HARRIS, Philip** [GB/GB]; 59 Langthorpe Way, Blackheath, London SE3 7TJ (GB).
- (74) **KEEN, Celia, Mary** et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> A61K 47/00, 38/06
- (11) WO 2004/093915 (13) A1
- (21) PCT/US2004/008837
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 60/459,765 2 Apr/avr 2003 US (02.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PHARMACEUTICAL COMPOSITIONS FOR HEPATITIS C VIRAL PROTEASE INHIBITORS
- COMPOSITIONS PHARMACEUTIQUES CONTENANT DES INHIBITEURS DE PROTEASE VIRALE DE L'HEPATITE C
- (71) **BOEHRINGER INGELHEIM INTERNATIONAL, GMBH** [DE/DE]; Binger Str. 173, 55216 Ingelheim (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHEN, Shirlynn** [US/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **MEI, Xiaohui** [CN/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **WANG, Zeren** [US/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (74) **RAYMOND, Robert, P.** et al. / etc.; Boehringer Ingelheim Corporation, 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 47/48, 39/395, 31/4188, 51/00, A61P  
35/00 // (A61K 39/395, 31:4188)

(11) WO 2004/093916 (13) A1

(21) PCT/IT2004/000184

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) RM2003 A 24 Apr/avr 2003 IT  
000196 (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A MEDICAMENT FOR THE  
TWO-STEP PERIOPERATIVE THER-  
APY OF SOLID TUMOURS

• MEDICAMENT POUR THERAPIE PER-  
OPERATOIRE EN DEUX ETAPES DE  
TUMEURS SOLIDES PAR LA RADIO-  
THERAPIE IMMUNOLOGIQUE

(71) SIGMA-TAU INDUSTRIE FARMACEU-  
TICHE RIUNITE S.p.A. [IT/IT]; Viale  
Shakespeare, 47, I-00144 Roma (IT).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) PAGANELLI, Giovanni [IT/IT]; c/o  
Sigma-Tau Industrie Farmaceutiche Ri-  
unite S.p., A., Via Pontina, Km. 30,400,  
I-00040 Pomezia (IT). CARMINATI, Paolo  
[IT/IT]; c/o Sigma-Tau Industrie Farma-  
ceutiche Riunite S.p., A., Via Pontina, Km.  
30,400, I-00040 Pomezia (IT). VERONESE,  
Umberto [IT/IT]; c/o Sigma-Tau Industrie  
Farmaceutiche Riunite S.p., A., Via Pontina,  
Km. 30,400, I-00040 Pomezia (IT).

(74) SPADARO, Marco; Cavattoni-Raimondi,  
Viale dei Parioli, 160, I-00197 Roma (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61K 47/48, 31/435

(11) WO 2004/093917 (13) A2

(21) PCT/US2004/011445

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/464,671 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INTRANASAL ADMINISTRATION OF  
TRIPTANS

• ADMINISTRATION DE TRIPTANS PAR  
VOIE INTRANASALE

(71) NASTECH PHARMACEUTICAL COM-  
PANY INC. [US/US]; 3450 Monte Villa  
Parkway, Bothell, WA 98021-8906 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72) QUAY, Steven, C.; 23632 Hwy 99, Ste. F  
PMB 454, Edmonds, WA 98026-9224 (US).  
GO, Zenaida, O.; 565 Grove Street, Apart-  
ment 16D, Clifton, NJ 07013 (US).

(74) LUNN, Paul, G.; Nastech Pharmaceutical  
Company Inc., 3450 Monte Villa Parkway,  
Bothell, WA 98021-8906 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61K 47/48

(11) WO 2004/093918 (13) A2

(21) PCT/US2004/012158

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,796 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WATER SOLUBLE WORTMANNIN  
DERIVATIVES

• DERIVES DE WORTMANNINE SO-  
LUBLES DANS L'EAU

(71) WYETH HOLDINGS CORPORATION  
[US/US]; Five Giralda Farms, Madison, NJ  
07940 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) ZHU, Tianmin [US/US]; 5 Whitman  
Place, Monroe, NY 10950 (US). YU, Ker  
[US/US]; 26 Buckingham Circle, Pine Brook,  
NJ 07058 (US). LUCAS, Judy [US/US]; 20  
Azalea Drive, Nanuet, NY 10954 (US). GU,  
Jianxin [CA/US]; 267 Voorhis Avenue, River  
Edge, NJ 07661 (US). ZASK, Arie [US/US];  
21 East 90 Street, New York, NY 10128 (US).

(74) GOUDIE, Joy, S.; Wyeth, Patent Law De-  
partment, Five Giralda Farms, Madison, NJ  
07940 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> A61K 48/00

(11) WO 2004/093919 (13) A2

(21) PCT/GB2004/001743

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309116.2 22 Apr/avr 2003 GB  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TARGET FOR CANCER THERAPY  
AND DRUG DISCOVERY

• CIBLE POUR LA THERAPIE DU CAN-  
CER ET LA DECOUVERTE DE MEDI-  
CAMENTS

(71) UNIVERSITY COLLEGE LONDON  
[GB/GB]; Gower Street, London WC1E 9BT  
(GB).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) LAMAN, Heike [US/GB]; The Wolfson  
Institute for Biomedical Research, The Cru-  
cifirm Building, University College London,  
Gower Street, London WC1E 6BT (GB).

(74) WOODS, Geoffrey, Corlett, J.A. Kemp &  
Co, 14 South Square, Gray's Inn, London  
WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 48/00

(11) WO 2004/093920 (13) A2

(21) PCT/US2004/012159

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,266 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLASMID MEDIATED GHRH SUPPLEMENTATION FOR RENAL FAILURES  
• SUPPLEMENTATION EN GHRH A MEDIATION PLASMIDIQUE POUR LES INSUFFISANCES RENALES

(71) ADVISYS, INC. [US/US]; 2700 Research Forest Drive, Suite 180, The Woodlands, TX 77381 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DRAGHIA-AKLI, Ruxandra [RO/US]; 5215 Starkridge Drive, Houston, TX 77035 (US). SCOTT, Clara [US/US]; 17622 Rustington Drive, Spring, TX 77379 (US). BROWN, Patricia, A. [GB/US]; 516 Marymont Park, Conroe, TX 77302 (US).

(74) CHWANG, T., Ling et al. / etc.; Jackson Walker L.L.P., 2435 N. Central Expressway, Suite 600, Richardson, TX 75080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 49/18

(11) WO 2004/093921 (13) A1

(21) PCT/US2003/039929

(22) 16 Dec/déc 2003 (16.12.2003)

(25) en (26) en

(30) 10/421,584 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MR-SIGNAL EMITTING COATINGS  
• REVETEMENTS EMETTANT DES SIGNAUX DE RESONANCE MAGNETIQUE

(71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 Walnut Street, Madison, Wisconsin 53705 (US).

(72) UNAL, Orhan; 3005 Prairie Road, Madison, WI 53719 (US). LI, Junwei; 15 Duh Drive, Apt. 134, Bethlehem, PA 18015 (US). STROTHER, Charles, Melton.; 6344 Audon Street, Houston, TX 77005 (US). YU, Hyuk; 3183 Danhouser Road, Blue Mounds, WI 53517 (US).

(74) HARTWIG, Gregory, J.; Michael Best & Friedrich LLP, One South Pinckney Street, P.O. Box 1806, Madison, WI 53701-1806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61K 51/12, 35/80, 49/00

(11) WO 2004/093922 (13) A1

(21) PCT/US2004/011618

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/417,951 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS OF PRODUCING CARBON-13 LABELED BIOMASS  
• PROCÉDÉS DE PRÉPARATION D'UNE BIOMASSE MARQUÉE AU CARBONE 13

(71) ADVANCED BREATH DIAGNOSTICS, LLC [US/US]; 105 Westpark Drive, Suite 150, Brentwood, TN 37027 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EVANS, Keith, Darrel [US/US]; 1010 Manley Lane, Brentwood, TN 37027 (US). KONOPKA, Stanley, John [US/US]; 7 Draper Court, Franklin, TN 37064 (US). HENRY, Eric, Charles [US/US]; 1415 NW Garfield Avenue, Corvallis, OR 97330 (US). HOUSTON, William, Michael [US/US]; 1980 SW Lake Place, Gresham, OR 97080 (US).

(74) BAUMAN, Mary, P. et al. / etc.; Fredrikson & Byron, P.A., Suite 400, 200 South Sixth Street, Minneapolis, MN 55402-1425 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61L

(11) WO 2004/093923 (13) A2

(21) PCT/US2004/011770

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,717 17 Apr/avr 2003 US (17.04.2003)

(30) 10/825,463 15 Apr/avr 2004 US (15.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AORTIC CANNULA  
• CANULE AORTIQUE

(71, 72) WEINSTEIN, Gerald, S. [US/US]; 5455 Remington Road, Las Cruces, New Mexico 88011 (US).

(74) HANSON, David, C. et al. / etc.; WEBB ZIESENHEIM LOGSDON, ORKIN & HANSON, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, Pennsylvania 15219-1818 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61L

(11) WO 2004/093924 (13) A2

(21) PCT/US2004/012213

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/420,614 22 Apr/avr 2003 US (22.04.2003)

(30) 60/519,614 14 Nov/nov 2003 US (14.11.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SURGICAL KNIFE SAFETY HANDLE  
• POIGNEE DE SECURITE POUR BISTOURI

(71) BECTON, DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417 (US).

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(72) MORAWSKI, Michael; 151 Pilgrim Road, Haverhill, MA 01832 (US). COTE, Dana; 22 Lewis Lane, Saugus, MA 01906 (US). THRAILKILL, Patrick; 137 Woodin Street, Hamden, CT 06514 (US). SEEBAUER, David; 53 Shagbark Drive, Southington, CT 06489 (US). RAJASEKARAN, Mohan; 295 Redstone Hill Road, Apt. 24, Bristol, CT

- 06010 (US). **RAPP, Brian**; 9 Mizoras Drive, Nashua, NH 03062 (US).
- (74) **HOLMES, John** et al. / etc.; ROYLANCE, ABRAMS BERDO & GOODMAN, L.L.P., 1300 19th Street, N.W., Suite 600, Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **A61L 2/28**
- (11) **WO 2004/093925** (13) A1
- (21) PCT/US2004/005210
- (22) **23 Feb/fév 2004 (23.02.2004)**
- (25) en (26) en
- (30) 10/405,943 **1 Apr/avr 2003** US (01.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HIGH THROUGHPUT BIOLOGICAL INDICATOR READER TECHNICAL FILED
- LECTEUR D'INDICATEURS BIOLOGIQUES A RENDEMENT ELEVE

- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72) **BEHUN, Bryan, S.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **FLASKEY, Randy, L.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **PASTIRIK, Daniel, R.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **A61L 9/02, 9/14**
- (11) **WO 2004/093927** (13) A1
- (21) PCT/US2004/011836
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 10/417,462 **16 Apr/avr 2003** US (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR EMITTING VOLATILE COMPOSITIONS
- PROCEDE D'EMISSION DE COMPOSITIONS VOLATILES

Declarations / Déclarations :  
(s) for all designations / pour toutes les désignations  
(t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> **A61L 9/01, A01K 1/015, B09B 3/00**
- (11) **WO 2004/093926** (13) A1
- (21) PCT/JP2004/005763
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) ja (26) ja
- (30) 2003-117573 **22 Apr/avr 2003** JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MATERIAL HAVING DEODORIZING FUNCTION AND METHOD FOR PRODUCTION THEREOF
- MATIERE A FONCTION DESODORISANTE ET SON PROCEDE DE PRODUCTION
- (71) **DAIKI CO., LTD.** [JP/JP]; 2-6, Nishisugamo 1-chome, Toshima-ku, Tokyo 170-0001 (JP). **KOHJIN CO., LTD.** [JP/JP]; 1-21, Muromachi 4-chome, Nihonbashi, Chuo-ku, Tokyo 103-0022 (JP). **C & S CO., LTD.** [JP/JP]; 15-18, Kodenmachi, Nihonbashi, Chuo-ku, Tokyo 103-0001 (JP). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ITO, Hiroshi** [JP/JP]; c/o Daiki Co., Ltd., 2-6, Nishisugamo 1-chome, Toshima-ku, Tokyo 170-0001 (JP). **AKADA, Kazuya** [JP/JP]; c/o Kohjin Co., Ltd., 1-21, Muromachi 4-chome, Nihonbashi, Chuo-ku, Tokyo 103-0022 (JP). **YASUTAKE, Yukio** [JP/JP]; c/o C & S Co., Ltd., 15-18, Kodenmachi, Nihonbashi, Chuo-ku, Tokyo 103-0001 (JP).
- (74) **TAKEDA, Masahiko** et al. / etc.; Zexel Bldg. Akasaka 9F, 13-1, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **A61L 9/02, 9/14**
- (11) **WO 2004/093927** (13) A1
- (21) PCT/US2004/011836
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 10/417,462 **16 Apr/avr 2003** US (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR EMITTING VOLATILE COMPOSITIONS
- PROCEDE D'EMISSION DE COMPOSITIONS VOLATILES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KVIETOK, Frank, Andrej** [US/US]; 1103 Richwood Avenue, Cincinnati, OH 45208 (US). **ST. PIERRE, Eileen, Marie** [US/US]; 3611 Woodbridge Place, Cincinnati, OH 45226 (US).
- (74) **THE PROCTER & GAMBLE COMPANY**; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> **A61L 9/02, 9/14**
- (11) **WO 2004/093928** (13) A2
- (21) PCT/US2004/011837
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 10/417,456 **16 Apr/avr 2003** US (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEMS AND DEVICES FOR EMITTING VOLATILE COMPOSITIONS
- SYSTEMES ET DISPOSITIFS D'EMISSION DE COMPOSITIONS VOLATILES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KVIETOK, Frank, Andrej** [US/US]; 1103 Richwood Avenue, Cincinnati, OH 45208 (US). **ST. PIERRE, Eileen, Marie** [US/US]; 3611 Woodbridge Place, Cincinnati, OH 45226 (US).
- (74) **THE PROCTER & GAMBLE COMPANY**; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61L 9/02, 9/03

(11) WO 2004/093929 (13) A2

(21) PCT/US2004/011838

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/417,456 16 Apr/avr 2003 US (16.04.2003)

(30) 10/417,462 16 Apr/avr 2003 US (16.04.2003)

(30) 60/507,807 1 Oct/oct 2003 US (01.10.2003)

(30) 60/507,772 1 Oct/oct 2003 US (01.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS, DEVICES, COMPOSITIONS, AND SYSTEMS FOR IMPROVED SCENT DELIVERY  
• PROCEDES, DISPOSITIFS, COMPOSITIONS ET SYSTEMES DE DIFFUSION DE PARFUMS AMELIOREE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US). LIU, Zaiyou [US/US]; 8040 Stone Barn Drive, West Chester, OH 45096 (US).  
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(72, 75) WOO, Ricky, Ah-Man [US/US]; 6940 Van Gordon Road, Hamilton, OH 45011 (US). ALONSO, Mario [MX/US]; 6313 Paxton Woods Drive, Loveland, OH 45140 (US). HECT, John, Phillip [US/US]; 8238 Eagleridge Drive, West Chester, OH 45069 (US). REECE, Steven [US/US]; 3118 Sorbus, Hamilton, OH 45013 (US). KVIETOK, Frank, Andrej [US/US]; 1103 Richwood Avenue, Cincinnati, OH 45208 (US). ST.

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(74) THE PROCTER & GAMBLE COMPANY; Reed, David, T., 6110 Center Hill Road, Cincinnati, Oh 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61L 15/60, B01J 20/26, 20/28

(11) WO 2004/093930 (13) A1

(21) PCT/US2004/006411

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 10/410,579 9 Apr/avr 2003 US (09.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR MAKING A MULTIFUNCTIONAL SUPERABSORBENT POLYMER

• PROCEDE DE FABRICATION D'UN POLYMERE SUPERABSORBANT MULTIFONCTIONS

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).  
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(72, 75) KO, Young, Chan [KR/US]; 764 Blackmoor Circle, Neenah, WI 54956 (US). KELLENBERGER, Stanley, R. [US/US]; 306 W. Lindbergh Street, Appleton, WI 54911 (US). JAMESON, Lee, Kirby [US/US]; 115 Olive Street, Roswell, GA 30075 (US). SHARMA, Varunesh [US/US]; 515 Pearl Cove Court, Atlanta, GA 30350 (US).

(74) RAUCH, Melanie, I.; Pauley Petersen & Erickson, 2800 West Higgins Road, Suite 365, Hoffman Estates, IL 60195 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61L 15/60, B01J 20/26, 20/28

(11) WO 2004/093931 (13) A1

(21) PCT/US2004/006413

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 10/409,945 9 Apr/avr 2003 US (09.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MAKING AN ABSORBENT STRUCTURE HAVING HIGH INTEGRITY  
• PROCEDE DE FABRICATION D'UNE STRUCTURE ABSORBANTE A INTEGRITE ELEVEE

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, Wisconsin 54956 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KO, Young, C. [KR/US]; 764 Blackmoor Circle, Neenah, Wisconsin 54956 (US). MAKOU, Kambiz B. [US/US]; 423 Park Drive, Neenah, Wisconsin 54956 (US). THIESSEN, Richard H. [US/US]; 1801 North McIntosh Drive, Appleton, Wisconsin 54914 (US). LAUMER, Jason M. [US/US]; 3701 South School Avenue, Appleton, Wisconsin 54915 (US).

(74) PETERSEN, Maxwell, J. et al. / etc.; PAULEY PETERSEN & ERICKSON, 2800 West Higgins Road, Suite 365, Hoffman Estates, Illinois 60195 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61L 27/40, 27/24, 27/38, 27/54, 27/58

(11) WO 2004/093932 (13) A1

(21) PCT/EP2004/004192

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,265 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A SEEDED TEAR RESISTANT SCAFFOLD  
• SUPPORT RESISTANT AU DECHIREMENT, POURVU DE CELLULES EN CONTACT AVEC UN SUBSTRAT

(71) VERIGEN AG [DE/DE]; Hemmelrather Weg 201, 51377 Leverkusen (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GIANNETTI, Bruno [DE/DE]; Oberdorf 59, 53347 Bonn (DE).

(74) MEYERS, Hans-Wilhelm et al. / etc.; P.O. Box 10 22 41, 50462 Cologne (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61L 29/04, A61M 25/00, B29C 47/88

(11) WO 2004/093933 (13) A1

(21) PCT/US2004/012326

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/419,955 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW PROFILE DILATATION BALLOON  
• BALLONNET DE DISTENSION A PROFIL BAS

(71) MEDTRONIC VASCULAR, INC. [US/US]; IP Legal Department, 3576 Unocal Place, Santa Rosa, California 95403 (US).

(72) VARMA, Ashish; Doorus, Kinvara, Galway (IE).

(74) MARESH, Catherine; IP Legal Department, Medtronic Vascular, Inc., 3576 Unocal Place, Santa Rosa, California 95403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> A61L 31/00

(11) WO 2004/093934 (13) A2

(21) PCT/US2004/007838

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/402,723 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MATERIALS AND METHODS FOR AUGMENTING AND/OR REPAIRING INTERVERTEBRAL DISCS

• MATIERES ET PROCEDES POUR AUGMENTER ET/OU REPARER UN DISQUE INTERVERTEBRAL

(71) SDGI HOLDINGS, INC. [US/US]; 300 Delaware Avenue Suite 508, Wilmington, 9 19801 (US).

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(72, 75) TRIEU, Hai, H. [US/US]; 1323 Graystone, Cordova, TN 38018 (US).

(74) JOHNSON, Noreen, C. et al. / etc.; MC LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61M

(11) WO 2004/093935 (13) A2

(21) PCT/US2004/011948

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,677 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR REDUCTION OF PRESSURE EFFECTS OF CARDIAC TRICUSPID VALVE REGURGITATION

• DISPOSITIF POUR REDUIRE LES EFFETS DE PRESSION DE LA REGURGITATION CARDIAQUE DE LA VALVULE TRICUSPIDE

(71, 72) QUIJANO, Rodolfo C. [US/US]; 27451 Lost Trail Drive, Laguna Hills, CA 92618 (US). MCCARTHY, Patrick M. [US/US]; 45002 Falls Road, Hunting Valley, OH 44022 (US).

(74) JONES DAY; Michelle C. Kim, 555 West Fifth Street, Suite 4600, Los Angeles, CA 90013-1025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M

(11) WO 2004/093936 (13) A2

(21) PCT/US2004/012389

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/421,602 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VACUUM DRYING PROCESS USED FOR MANUFACTURING DIALYZER

• PROCEDE DE DESHYDRATATION SOUS VIDE DESTINE A LA FABRICATION D'UN OSMOSEUR

(71) FRESINIUS USA, INC. [US/US]; Two Ledgemont Center, 95 Hayden Avenue, Lexington, MA 02173 (US).

(72) ANDERSEN, Marion; 697 N. 350 W, Kaysville, UT 84037 (US). LYON, Marvin; 475 East 2100 North, North Ogden, UT 84414 (US). ALLAN, G., Neivell; 1487 Canyon Cove Ln.32, Ogden, UT 84401 (US). PASKETT, Wade; 4187 West 5850 South, Roy, UT 84067 (US).

(74) GRADISAR, Stanley, J. et al. / etc.; Gibson, Dunn & Crutcher LLP, 1801 California Street, Suite 4200, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> A61M

(11) WO 2004/093937 (13) A2

(21) PCT/US2004/012438

- (22) **22 Apr/avr 2004 (22.04.2004)**  
 (25) en (26) en  
 (30) 60/464,778 **23 Apr/avr 2003 US (23.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DIALYSIS VALVE AND METHOD  
 • METHODE ET VALVE DE DIALYSE
- (71) **INTERRAD MEDICAL, INC.** [US/US]; 6519 Cecelia Circle, Minneapolis, MN 55439 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CLAUDE, Timothy, J.** [US/US]; 1229 97th Avenue, Coon Rapids, MN 55433 (US).  
**BARLOW, Edward, A.** [US/US]; 7916 West 107th St. Circle, Bloomington, MN 55438-2223 (US).  
**HUNTER, David, W.** [US/US]; Radiology F.V.M.C., M.M.C. 292, 420 Harvard St. SE, Minneapolis, MN 55455 (US).  
**ROSENBERG, Michael, S.** [US/US]; 4187 Amberleaf Trail, Eagan, MN 55123 (US).
- (74) **EMERY, Richard, C.**; 4189 Lakewood Avenue, White Bear lake, MN 55110-3925 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> **A61M**  
 (11) **WO 2004/093938** (13) A2  
 (21) PCT/US2004/012655  
 (22) **22 Apr/avr 2004 (22.04.2004)**  
 (25) en (26) en  
 (30) 10/419,934 **22 Apr/avr 2003 US (22.04.2003)**  
 (30) 10/827,434 **20 Apr/avr 2004 US (20.04.2004)**  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • TAMPER EVIDENT VACUUM TUBE HOLDER ASSEMBLY AND NEEDLE HUB ASSEMBLY THEREFOR  
 • ENSEMBLE SUPPORT POUR TUBE A VIDE INVOLABLE ET ENSEMBLE PAVILLON D'AIGUILLE ASSOCIE
- (71) **SMITHS MEDICAL ASD, INC.** [US/US]; 10 Bowman Drive, Keene, NH 03431-0724 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TORRIS, William, T.** [US/US]; 305 Deepwood Drive, Greer, SC 29651 (US).  
**CLEMENTS, Glynn** [GB/GB]; 123 Howell Circle, Greenville, SC 29615 (US).  
**BROWN, Gregory J.** [US/US]; 2 Ginger Gold Drive, Simpsonville, SC 29681 (US).
- CARR, Ian** [GB/GB]; 156 Bryant Road, Jaffrey, NH 03452 (US).  
**SCHLERF, Christian** [US/US]; 48 Blossom Street, Keene, NH 03431 (US).
- (74) **WOO, Louis**; Law Office of Louis Woo, 717 North Fayette Street, Alexandria, VA 22314 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*  
*(t) for all designations / pour toutes les désignations*  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> **A61M**  
 (11) **WO 2004/093939** (13) A2  
 (21) PCT/US2004/012656  
 (22) **22 Apr/avr 2004 (22.04.2004)**  
 (25) en (26) en  
 (30) 10/420,872 **23 Apr/avr 2003 US (23.04.2003)**  
 (30) PCT/US03/12648 **23 Apr/avr 2003 US (23.04.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • HANDLE FOR FORCEPS/TWEEZERS AND METHOD AND APPARATUS FOR DESIGNING THE LIKE  
 • BRANCHE DE PINCES/PINCETTES, PROCEDE ET APPAREIL DE CONCEPTION ASSOCIES
- (71, 72) **TILLIM, Stephen, L.** [US/US]; 11730 Magdalena Avenue, Los Altos Hills, CA 94024 (US).
- (74) **FISHER, Stanley, P.**; Reed Smith LLP, 3110 Fairview Park Drive, Suite 1400, Falls Church, VA 22042 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M**  
 (11) **WO 2004/093940** (13) A2  
 (21) PCT/US2004/003124  
 (22) **4 Feb/fév 2004 (04.02.2004)**  
 (25) en (26) en  
 (30) 10/406,302 **3 Apr/avr 2003 US (03.04.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • MEDICATION DELIVERY PEN  
 • STYLO D'ADMINISTRATION DE MEDICAMENT
- (71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **GIAMBATTISTA, Lucio**; 113 South Ridgedale Avenue, East Hanover, NJ 07936 (US).  
**BENDEK, Antonio**; 4 Indian Trail, Vernon, NJ 07462 (US).
- (74) **BUDZYN, Ludomir, A.** et al. / etc.; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **A61M**  
 (11) **WO 2004/093941** (13) A2  
 (21) PCT/US2004/008008  
 (22) **16 Mar/mar 2004 (16.03.2004)**  
 (25) en (26) en  
 (30) 60/457,458 **25 Mar/mar 2003 US (25.03.2003)**  
 (30) 10/640,716 **13 Aug/août 2003 US (13.08.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • DEVICE AND METHOD FOR CONVERTING A BALLOON CATHETER INTO A CUTTING BALLOON CATHETER  
 • PROCEDE ET DISPOSITIF POUR TRANSFORMER UN CATHETER A BALLONNET EN UN CATHETER A BALLONNET COUPANT



- (71) ANGIODYNAMICS, INC. [US/US]; 603 Queensbury Avenue, Queensbury, NY 12804 (US).
- (72) APPLING, William; 8291 State Route 40, Granville, NY 12832 (US). SCHUR, Israel; 76 Dwight Place, Englewood, NJ 07631 (US). DI PALMA, Giorgio; 81 Sara-Jen Drive, Queensbury, NY 12804 (US).
- (74) AHN, Harry, K.; Reed Smith LLP, 599 Lexington Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61M  
(11) WO 2004/093942 (13) A2  
(21) PCT/US2004/008338  
(22) 17 Mar/mar 2004 (17.03.2004)  
(25) en (26) en  
(30) 60/454,624 17 Mar/mar 2003 US (17.03.2003)  
(30) 60/479,481 19 Jun/juin 2003 US (19.06.2003)  
(30) 60/489,428 23 Jul/juil 2003 US (23.07.2003)  
(30) 60/508,809 2 Oct/oct 2003 US (02.10.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • TEMPERATURE RESPONSIVE SYSTEMS  
• SYSTEMES REAGISSANT A LA TEMPERATURE  
(71, 72) PETRAKIS, Dennis, N. [US/US]; 2730 Bryant Street, Palo Alto, CA 94306 (US).  
(74) PETERSON, James, W.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61M  
(11) WO 2004/093943 (13) A2  
(21) PCT/US2004/008349
- (22) 17 Mar/mar 2004 (17.03.2004)  
(25) en (26) en  
(30) 10/412,016 11 Apr/avr 2003 US (11.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SURGICAL CLAMP WITH IMPROVED TRACTION  
• CLAMP CHIRURGICAL A TRACTION AMELIOREE  
(71) APPLIED MEDICAL RESOURCES CORPORATION [US/US]; 22872 Avenida Empresa, Rancho Santa Margarita, CA 92688 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72) HART, Charles, C.; 126 Marvin Gardens, Summerville, SC 29483-8949 (US). YAWATA, Haruyasu; 8222 Deauville Drive, Huntington Beach, CA 92646 (US). FISHBURN, Robert; 18746 Stratton Lane, Huntington Beach, CA 92648 (US). GADBERRY, Donald, L.; 2600 Avenida Aeropuerto, Space 54, San Juan Capistrano, CA 92675 (US). CHI-SING, Eduardo; 5 Terraza del Mal, Dana Point, CA 92629 (US).  
(74) MYERS, Richard, L.; 22872 Avenida Empresa, Rancho Santa Margarita, CA 92688 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61M 5/00  
(11) WO 2004/093944 (13) A2  
(21) PCT/FR2004/000881  
(22) 9 Apr/avr 2004 (09.04.2004)  
(25) fr (26) fr  
(30) 03/04761 16 Apr/avr 2003 FR (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • NEEDLELESS SYRINGE COMPRISING AN OPTIMIZED INJECTOR-RECEPTACLE  
• SERINGUE SANS AIGUILLE AVEC UN INJECTEUR-RECEPTACLE OPTIMISE  
(71) CROSSJECT [FR/FR]; 12, quai Henri IV, F-75004 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) ALEXANDRE, Patrick [FR/FR]; 14, avenue de la Libération, F-70100 Gray (FR). BAUD, Georges [FR/FR]; 18, rue des Ormes, F-83260 La Crau (FR). BROUQUIERES, Bernard [FR/FR]; 4, rue Sandin, F-83100 Toulon (FR).  
(74) SNPE; Service Propriété Industrielle, 12 quai Henri IV, F-75004 Paris (FR).
- 
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> A61M 5/142, 25/00, 39/02  
(11) WO 2004/093945 (13) A1  
(21) PCT/EP2004/004211  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 10/420,094 22 Apr/avr 2003 US (22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PORTABLE EQUIPMENT FOR ADMINISTRATION OF FLUIDS INTO TISSUES AND TUMORS BY CONVECTION ENHANCED DELIVERY TECHNIQUE  
• MATERIEL PORTATIF POUR L'ADMINISTRATION DE FLUIDES DANS DES TISSUS ET DES TUMEURS PAR LA TECHNIQUE D'ADMINISTRATION ACTIVEE PAR CONVECTION  
(71) ANTISENSE PHARMA GMBH [DE/DE]; Josef-Engert-Str. 9, 93053 Regensburg (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) KUNST, Mechthild [DE/DE]; Eigenheimweg 21, 93051 Regensburg (DE).  
(74) SCHREIBER, Christoph et al. / etc.; Postfach 10 22 41, 50462 Köln (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)  
(51)<sup>7</sup> A61M 5/178, G21F 5/018  
(11) WO 2004/093946 (13) A1  
(21) PCT/US2004/011048  
(22) 8 Apr/avr 2004 (08.04.2004)  
(25) en (26) en  
(30) 60/463,220 16 Apr/avr 2003 US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RADIATION SHIELD FOR A SAFETY SYRINGE HAVING A NEEDLE SHEATH

- ELEMENT DE PROTECTION CONTRE LES RAYONNEMENTS POUR SERINGUE DE SECURITE A GAINÉ D'AIGUILLE

(71) MALLINCKRODT INC. [US/US]; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, Missouri 63134 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BESING, Quent [US/US]; 881 Top Notch Lane, Eureka, Missouri 63025 (US).

(74) BOONE, Jeffrey, S.; Mallinckrodt Inc., 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, Missouri 63134 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61M 5/30, A61J 1/06

(11) WO 2004/093947 (13) A1

(21) PCT/FR2004/000923

(22) 15 Apr/avr 2004 (15.04.2004)

(25) fr (26) fr

(30) 03/04762 16 Apr/avr 2003 FR (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR CONNECTING AN ACTIVE SUBSTANCE CONTAINER TO AN INJECTION NOZZLE IN A DEVICE USED TO INJECT SAID ACTIVE SUBSTANCE

- DISPOSITIF DE LIAISON D'UN RESERVOIR DE PRINCIPE ACTIF SUR UNE BUSE D'INJECTION DANS UN DISPOSITIF D'INJECTION DUDIT PRINCIPE ACTIF

(71) CROSSJECT [FR/FR]; 12, Quai Henri IV, F-75004 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALEXANDRE, Patrick [FR/FR]; 14 avenue de la Libération, F-70100 Gray (FR). BAUD, Georges [FR/FR]; 18 rue des Ormes, F-83260 La Crau (FR). BROUQUIERES, Bernard [FR/FR]; 4 rue Sandin, F-83100 Toulon (FR).

(74) SNPE; Service Propriété Industrielle, 12 Quai Henri IV, F-75004 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61M 5/30, F02B 71/04, 71/00

(11) WO 2004/093948 (13) A1

(21) PCT/GB2004/001716

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309305.1 24 Apr/avr 2003 GB (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PORTABLE COMBUSTION-POWERED DEVICE WITH PRIMING COMBUSTION CHAMBER AND MAIN COMBUSTION CHAMBER

- DISPOSITIF PORTABLE ACTIONNE PAR COMBUSTION, POURVU D'UNE CHAMBRE D'AMORÇAGE DE COMBUSTION ET D'UNE CHAMBRE PRINCIPALE DE COMBUSTION

(71) TEAM HOLDINGS (UK) LIMITED [GB/GB]; Cokenach, Barkway, Hertfordshire SG8 8DL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HURLSTONE, Christopher, John [GB/GB]; Team Consulting Limited, Cokenach, Barkway, Hertfordshire SG8 8DL (GB).

KIRKWOOD, Stephen, Philip [GB/GB]; Team Consulting Limited, Cokenach, Barkway, Hertfordshire SG8 8DL (GB). FRY, Andrew, Robert [GB/GB]; Team Consulting Limited, Cokenach, Barkway, Hertfordshire SG8 8DL (GB).

(74) LIPSCOMBE, Martin, John; Keith W Nash & Co, 90-92 Regent Street, Cambridge CB2 1DP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 5/315

(11) WO 2004/093949 (13) A1

(21) PCT/US2004/011777

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,638 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTROLLED VOLUME INJECTION/ASPIRATION DEVICE

- DISPOSITIF D'INJECTION ASPIRATION A VOLUME CONTROLÉ

(71) ALLERGAN, INC. [US/US]; 2525 Dupont Drive, Irvine, CA 92612 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GERONDALE, Scott, J. [US/US]; 12 Risero Drive, Mission Viejo, CA 92692 (US).

KIMMELL, Steven, D. [US/US]; 12754 Deon Place, Granada Hills, CA 91344-1001 (US). FIELD, Jeffery [US/US]; 3061 Vista Grande, Camarillo, CA 93012-8893 (US).

(74) JOHNSON, Brent, A. et al. / etc.; c/o Allergan, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 15/00, B65D 83/14

(11) WO 2004/093950 (13) A1

(21) PCT/EP2004/004247

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,477 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A MEDICAMENT DISPENSER

- DISTRIBUTEUR DE MEDICAMENTS

(71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford Middlesex UB6 0NN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRITTO, Ignatius, Loy [US/FR]; Laboratoire GlaxoSmithKline, Zone Industrielle, No. 2-23 rue Lavoisier, F-B.P. 118-27091 Evreux, Cedex 9 (FR).

LAROCHE, Christophe [FR/FR]; Laboratoire GlaxoSmithKline, Zone Industrielle, No. 2-23 rue Lavoisier, F-B.P. 118-27091 Evreux, Cedex 9 (FR).

LO CLARK, Verna, Charlene [US/US]; GlaxoSmithKline, Five Moore Drive, Research Triangle Park, Durham, NC 27709 (US).

PEYRON, Isabelle, Denise [FR/FR]; Laboratoire GlaxoSmithKline, Zone Industrielle, No.2-23 rue Lavoisier, F-B.P. 118-27091 Evreux, Cedex 9 (FR).

(74) RICE, Jason, Neale; GlaxoSmithKline, Corporate Intellectual Property (CN925.1),

- 980 Great West Road, Brentford Middlesex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A61M 15/00, A61B 5/097
- (11) WO 2004/093951 (13) A1
- (21) PCT/GB2004/001714
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 0308771.5 16 Apr/avr 2003 GB (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DEVICE FOR PULMONARY DRUG DELIVERY
- DISPOSITIF POUR ADMINISTRATION D'UN MEDICAMENT PULMONAIRE
- (71) LOUGHBOROUGH UNIVERSITY ENTERPRISES LIMITED [GB/GB]; Finance Office, Loughborough University, Loughborough, Leicestershire LE11 3TU (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SMITH, Peter, Richard [GB/GB]; Loughborough University, Loughborough, Leicestershire LE11 3TU (GB). KUSMARTSEVA, Olga [GB/GB]; Loughborough University, Loughborough, Leicestershire LE11 3TU (GB).
- (74) HIGGIN, Paul; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A61M 15/00, G01F 11/16, 11/02
- (11) WO 2004/093952 (13) A1
- (21) PCT/GB2004/000789
- (22) 27 Feb/fév 2004 (27.02.2004)
- (25) en (26) en
- (30) 0309123.8 22 Apr/avr 2003 GB (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DISPENSING APPARATUS
- APPAREIL DE DISTRIBUTION
- (71) BESPAC PLC [GB/GB]; Bergen Way, North Lynn Industrial Estate, King's Lynn, Norfolk PE30 2JJ (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) THORNHILL, Tristian, Roger [GB/GB]; 21 Manor Avenue, Fletton Avenue, Peterborough, Cambridgeshire PE2 8BZ (GB).
- (74) THOMSON, Neil, David et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> A61M 15/08
- (11) WO 2004/093953 (13) A1
- (21) PCT/GB2004/001535
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) en (26) en
- (30) 0308986.9 17 Apr/avr 2003 GB (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NASAL DRUG DELIVERY
- ADMINISTRATION DE MEDICAMENT PAR VOIE NASALE
- (71) BESPAC PLC [GB/GB]; Blackhill Drive, Featherstone Road, Wolverton Mill South, Milton Keynes, Bucks., MK12 5TS (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DICKENS, Colin [GB/GB]; 83 Hazel Crescent, Towcester NN12 6UQ (GB). ASGHARIAN, Bahman [US/US]; 118 Disraeli Drive, Cary, NC 27513 (US). KIMBELL, Julia, S. [US/US]; 106 Michael's Way, Chapel Hill, NC 27516 (US). PRICE, Owen, Thomas [US/US]; 103 Penny Ln, Cary, NC 27511 (US). BRACE, Geoff [GB/US]; 3421 Savan Court, Raleigh, NC 27613 (US).
- (74) HECTOR, Annabel, Mary et al. / etc.; D. Young & Co., 120 Holborn, London EC1N 2DY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A61M 16/08
- (11) WO 2004/093955 (13) A1
- (21) PCT/US2004/004722
- (22) 17 Feb/fév 2004 (17.02.2004)
- (25) en (26) en
- (30) 10/396,171 25 Mar/mar 2003 US (25.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DRAIN ASSEMBLY WITH A PIERCING MEMBER FOR REMOVING LIQUID FROM A GAS DIRECTING TUBE
- (61) MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (64) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A61M 16/08
- (11) WO 2004/093954 (13) A1
- (21) PCT/US2004/004721
- (22) 17 Feb/fév 2004 (17.02.2004)
- (25) en (26) en
- (30) 10/397,010 25 Mar/mar 2003 US (25.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DRAIN ASSEMBLY FOR REMOVING LIQUID FROM A GAS DIRECTING TUBE
- ENSEMBLE DRAIN SERVANT A RETIRER LE LIQUIDE D'UN TUBE CONDUIT DE GAZ
- (71) KIMBERLY-CLARK WORLDWIDE INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN HOOSER, David, Theron [US/US]; 6881 South Pine Rock Drive, Salt Lake City, UT 84121 (US). ROUNS, Cameron, Garrett [US/US]; 2302 Count Fleet Court, South Jordan, UT 84095 (US).
- (74) LETSON, William, W. et al. / etc.; Kimberly-Clark Worldwide, INC., 401 N. Lake Street, Neenah, WI 54956 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> A61M 16/08
- (11) WO 2004/093955 (13) A1
- (21) PCT/US2004/004722
- (22) 17 Feb/fév 2004 (17.02.2004)
- (25) en (26) en
- (30) 10/396,171 25 Mar/mar 2003 US (25.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DRAIN ASSEMBLY WITH A PIERCING MEMBER FOR REMOVING LIQUID FROM A GAS DIRECTING TUBE

- ENSEMBLE DRAIN AVEC ELEMENT PERFORANT POUR RETIRER LE LIQUIDE D'UN TUBE CONDUIT DE GAZ
- (71) **KIMBERLY-CLARK WORLDWIDE INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **VAN HOOSER, David, Theron** [US/US]; 6881 South Pine Rock Drive, Salt Lake City, UT 84121 (US). **ROUNS, Cameron, Garrett** [US/US]; 2302 Count Fleet Court, South Jordan, UT 84095 (US).
- (74) **LETSON, William, W. et al.** / etc.; Kimberly Clark Worldwide, INC., 401 N. Lake Street, Neenah, WI 54956 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61M 25/00, 25/14, 25/16
- (11) **WO 2004/093956** (13) A1
- (21) PCT/SE2004/000621
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) sv (26) en
- (30) 0301223-4 **24 Apr/avr 2003** SE (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MULTILUMEN VASCULAR CATHETER AND METHOD FOR MANUFACTURING THE SAME
- CATHETER VASCULAIRE A PLUSIEURS LUMENS ET SON PROCEDE DE FABRICATION
- (71) **NORDIC MEDCOM AB** [SE/SE]; Box 491, S-503 13 Borås (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HJALMARSSON, Stefan** [SE/SE]; Djurhult 235, S-451 92 Uddevalla (SE).
- (74) **STRÖM & GULLIKSSON IP AB**; Lindholmospiren 5, S-417 56 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> A61M 25/00
- (11) **WO 2004/093958** (13) A1
- (21) PCT/US2004/001597
- (22) **20 Jan/jan 2004 (20.01.2004)**
- (25) en (26) en
- (30) 10/396,727 **25 Mar/mar 2003** US (25.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VALVED HUB FOR A CATHETER
- MOYEU A SOUPEPE POUR CATHETER
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **BERGERON, Brian, J.**; 45 Evers Street, Worcester, MA 01603 (US).
- (74) **KAPLUN, Oleg, F. et al.** / etc.; Fay Kaplun & Marciniak, LLP, Suite 702, 150 Broadway, New York, NY 10038 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- 
- (51)<sup>7</sup> A61M 25/00
- (11) **WO 2004/093959** (13) A2
- (21) PCT/US2004/002554
- (22) **28 Jan/jan 2004 (28.01.2004)**
- (25) en (26) en
- (30) 10/401,227 **27 Mar/mar 2003** US (27.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MEDICAL DEVICE WITH TEMPERATURE MODULATOR FOR USE IN MAGNETIC RESONANCE IMAGING
- APPAREIL MEDICAL COMPORTANT UN MODULATEUR DE TEMPERATURE DESTINE A ETRE EMPLOYE DANS L'IMAGERIE PAR RESONANCE MAGNETIQUE
- (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WEBER, Jan** [NL/US]; 18112 89th Place N, Maple Grove, MN 55311 (US).
- (74) **MILLER, Thomas, A.**; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive, 6300 Sears Tower, Chicago, IL 60606-6357 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- 
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> A61M 25/00

(11) WO 2004/093960 (13) A1

(21) PCT/US2004/003147

(22) 3 Feb/fév 2004 (03.02.2004)

(25) en (26) en

(30) 10/392,545 20 Mar/mar 2003 US  
(20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICES FOR DELIVERING THERA-  
PEUTIC OR DIAGNOSTIC AGENTS

• DISPOSITIFS POUR  
L'ADMINISTRATION D'AGENTS THERA-  
PEUTIQUES OU DIAGNOSTIQUES

(71) SCIMED LIFE SYSTEMS INC. [US/US];  
One SciMed Place, Maple Grove, MN 55311-  
1566 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) RIOUX, Robert [US/US]; 5 Esther Ln,  
Ashland, MA 01721 (US). DICARLO, Paul  
[US/US]; 10 Starrett Avenue, Middleboro,  
MA 02346 (US).

(74) BURSE, David, T; BINGHAM MC-  
CUTCHEN LLP, Three Embarcadero Center,  
Suite 1800, San Francisco, CA 94111-4067  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> A61M 25/00, 25/06, 5/162, 5/00

(11) WO 2004/093961 (13) A1

(21) PCT/US2004/006017

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 60/461,172 8 Apr/avr 2003 US  
(08.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SAFETY NEEDLE AND CATHETER  
ASSEMBLY

• ENSEMBLE D'AIGUILLE ET DE CA-  
THERETER DE SECURITE

(71) MEDEX, INC. [US/US]; 2231 Rutherford  
Road, Carlsbad, CA 92008 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) McGURK, Joseph, P. [US/US]; 5806  
West Fountain Circle, Mason, OH 45040  
(US).

(74) GROSSMAN, Kurt, L. et al. / etc.; Wood,  
Herron & Evans, L.L.P., 2700 Carew Tower,  
Cincinnati, OH 45202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> A61M 25/00

(11) WO 2004/093962 (13) A1

(21) PCT/US2004/008896

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/414,939 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEDICAL DEVICE WITH THERAPEU-  
TIC AGENTS.

• DISPOSITIF MEDICAL COMPRE-  
NANT DES AGENTS THERAPEU-  
TIQUES

(71) COOK INCORPORATED [US/US]; 750  
Daniels Way, Bloomington, IN 47404 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72) PAUL, Ram, H.; 1251 W. Church Lane,  
Bloomington, IN 47401 (US). SIROTA,  
Daniel, J.; 3307 Mulberry Drive, Bloom-  
ington, IN 47401 (US). AMARANT, Paul,  
D.; 448 Laurelwood Drive, Bloomington, IN  
47401 (US).

(74) STEWARD, Lawrence, A.; Brinks Hofer  
Gilson & Lione, Suite 1600, One Indiana  
Square, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> A61M 25/01

(11) WO 2004/093963 (13) A1

(21) PCT/US2003/041616

(22) 19 Dec/déc 2003 (19.12.2003)

(25) en (26) en

(30) 10/401,467 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMBINED LONG RAIL/SHORT RAIL  
IVUS CATHETER

• CATHETER IVUS A RAIL LONG/ RAIL  
COURT COMBINES

(71) SCIMED LIFE SYSTEMS, INC. [US/US];  
One Scimed Place, Mail Stop A150, Maple  
Grove, MN 55311-1566 (US).

(72) WASICEK, Lawrence; 940 Bimmerle  
Place, San Jose, CA 95123 (US). GASCON,  
Almira; 539 Maple Avenue, Milpitas, CA  
95035 (US).

(74) ORRICK HERRINGTON & SUT-  
CLIFFE LLP et al. / etc.; 4 Park Plaza,  
Suite 1600, Irvine, CA 92614-2558 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SY  
TJ TM TN TR TT TZ UA UG UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Declarations / Déclarations :

*(s) for all designations / pour toutes les  
désignations*

*(t) for all designations / pour toutes les  
désignations*

(51)<sup>7</sup> A61M 27/00, 25/01

(11) WO 2004/093964 (13) A1

(21) PCT/NL2003/000304

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR INSERTING A DRAIN  
AND HANDLE FOR SUCH A DEVICE

• DISPOSITIF D'INSERTION DE DRAIN  
ET POIGNEE CONCUE POUR UN TEL  
DISPOSITIF

(71) IMP B.V. [NL/NL]; Hoefijzer 94, NL-3632  
WD Loenen a/d Vecht (NL).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) JONKMAN, Libbe, Jitze [NL/NL]; De  
Wetterwille 74, NL-9207 BL Drachten (NL).

(74) PRINS, A., W.; Nieuwe Parklaan 97,  
NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT (Utility model / modèle  
d'utilité) AT AU AZ BA BB BG BR BY BZ  
CA CH CN CO CR CU CZ (Utility model  
/ modèle d'utilité) CZ DE (Utility model /  
modèle d'utilité) DE DK (Utility model /  
modèle d'utilité) DK DM DZ EC EE (Utility  
model / modèle d'utilité) EE ES FI (Utility  
model / modèle d'utilité) FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 29/00

(11) WO 2004/093965 (13) A1

(21) PCT/US2003/010669

(22) 7 Apr/avr 2003 (07.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR CLOT RETRIEVAL AND DISTAL PROTECTION

• DISPOSITIF DE RECUPERATION DE CAILLOT ET DE PROTECTION DISTALE

(71) MICRODISC TECHNOLOGIES, INC. [US/US]; 592 Rosso Court, Pleasanton, CA 94566 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EPSTEIN, Gordon, H. [US/US]; 135 Kootenai Drive, Fremont, CA 94539 (US). HIGASHIDA, Randall, T. [US/US]; 10 Audrey Court, Tiburon, CA 94920 (US).

(74) BACHAND, Edward, N. et al. / etc.; DORSEY & WHITNEY LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61M 29/00

(11) WO 2004/093966 (13) A1

(21) PCT/US2004/011584

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,203 16 Apr/avr 2003 US (16.04.2003)

(30) 60/496,811 21 Aug/août 2003 US (21.08.2003)

(30) 10/765,564 27 Jan/jan 2004 US (27.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEDICAL DEVICE AND METHOD

• DISPOSITIF MEDICAL ET PROCEDE

(71) GENESIS TECHNOLOGIES LLC. [US/US]; 1105 Maywood Drive, Belmont, CA 94402 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUBRUL, William, R. [US/US]; 1105 Maywood Drive, Belmont, CA 94402 (US). SEYBOLD, Brent, D. [US/US]; 688 Beldin Court, Los Altos, CA (US). MATHIS, Mark, L. [US/US]; 44619 Park Meadow Drive, Fremont, CA 94539 (US). LEOPOLD, Phillip, M. [US/US]; 118 Stone Marsh Lane, North Barrington, IL 60010 (US).

(74) HANN, James, F. et al. / etc.; Haynes Beffel & Wolfeld LLP, P.O. Box 366, Half Moon Bay, CA 94019 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61M 29/00

(11) WO 2004/093967 (13) A1

(21) PCT/US2004/006459

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/403,758 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SELF-DEPLOYING CATHETER ASSEMBLY

• ENSEMBLE CATHETER A AUTO-DEPLOIEMENT

(71) APPLIED MEDICAL RESOURCES CORPORATION [US/US]; 22782 Avenida Empresa, Rancho Santa Margarita, CA (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GONZALES, Joseph, A. [US/US]; P.O. Box 2053, Tehachapi, CA 93581 (US). PRAVONG, Boun [US/US]; 450 Wilson Circle, Corona, CA 92879 (US).

(74) VU, Kenneth, K.; 22872 Avenida Empresa, Rancho Santa Margarita, CA 92688 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 29/02, 25/00

(11) WO 2004/093968 (13) A1

(21) PCT/IB2003/001531

(22) 24 Apr/avr 2003 (24.04.2003)

(25) it (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BALLOON STRUCTURE AND BALLOON CATHETER

• STRUCTURE À BALLONNET ET CATHÉTER À BALLONNET

(71) BAYCO CONSULTING LIMITED [GB/GB]; 6th Floor (East), 30, St. James Street, London SW1A 1HB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAZZA, Gianluca [IT/MC]; 31, Avenue Princesse Grace (MC).

(74) CRIPPA, Paolo, Ernesto et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61M 31/00, A61K 48/00, A61M 5/142, 5/172, A61B 5/0205

(11) WO 2004/093969 (13) A1

(21) PCT/US2004/011581

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/464,767 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM FOR THE DELIVERY OF A BIOLOGIC THERAPY WITH DEVICE MONITORING AND BACK-UP

• SYSTEME POUR LA CONDUITE DE THERAPIE BIOLOGIQUE AVEC CONTROLE DE DISPOSITIF ET PROCESUS DE RESERVE

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LASKE, Timothy, G. [US/US]; 5820 Evergreen Lane, Shoreview, MN 55126 (US). SIGG, Daniel, C. [US/US]; 1485 Hoyt Avenue West, St. Paul, MN 55108 (US).

SOYKAN, Orhan [US/US]; 5255 Oxford Street North, Shoreview, MN 55126 (US).

(74) CHAPIK, Daniel, G. et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61M 39/02

(11) WO 2004/093970 (13) A1

(21) PCT/US2004/001572

(22) 20 Jan/jan 2004 (20.01.2004)

(25) en (26) en

(30) 10/408,642 7 Apr/avr 2003 US (07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MRI-COMPATIBLE IMPLANTABLE VASCULAR ACCESS PORT

• ELEMENT D'ACCES VASCULAIRE IMPLANTABLE COMPATIBLE AVEC L'IRM

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One Scimed Place, Maple Grove, MN 55311-1566 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) DIMATTEO, Kristian; 480 Pleasant Street, Watertown, MA 02451 (US).

(74) KAPLUN, Oleg, F. et al. / etc.; Fay Kaplun & Marcin, LLP, Suite 702, 150 Broadway, New York, NY 10038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61N

(11) WO 2004/093971 (13) A2

(21) PCT/DE2004/000830

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 103 18 204.7 22 Apr/avr 2003 DE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DETERMINING ACTUATING VARIABLES, SETTINGS OR TECHNICAL PARAMETERS (PLANNING AID)

• DETERMINATION DE VARIABLES DE REFERENCE, DE VALEURS DE REGLAGE OU DE PARAMETRES TECHNIQUES (AIDE A LA PLANIFICATION)

(71) FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN

FORSCHUNG E.V. [DE/DE]; Hansastrasse 27c, 80686 Muenchen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TRINKAUS, Hans, L. [DE/DE]; Hammelstritt 9A, 67661 Kaiserslautern (DE). KUEFER, Karl-Heinz [DE/DE]; Ringstrasse 42, 67685 Weilerbach (DE).

(74) LEONHARD, Reimund et al. / etc.; Leonhard Olgemoeller Fricke, Postfach 10 09 62, 80083 Muenchen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61N

(11) WO 2004/093972 (13) A2

(21) PCT/IL2004/000344

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 155546 22 Apr/avr 2003 IL (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR TREATMENT OF DAMAGED TISSUE

• APPAREIL ET PROCEDURE DESTINEES AU TRAITEMENT DE TISSUS ENDOMMAGES

(71) HEALFUS LTD. [IL/IL]; ZEMACH, 15132 EMEK HAYARDEN (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GELLER, Benjamin [IL/IL]; 17/36 SHLOMO KLEIN STREET, 24600 AKKO (IL). LIBERSON, Roman, D. [IL/IL]; 111/3 HAAZMAUT STREET, 28219 KIRYAT ATA (IL).

(74) FENSTER, Paul et al. / etc.; FENSTER & COMPANY, INTELLECTUAL PROPERTY 2002 LTD., P.O. BOX 10256, 49002 PETACH TIKVA (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A61N

(11) WO 2004/093973 (13) A2

(21) PCT/US2004/011582

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/419,593 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ATRIAL TRACKING RECOVERY  
TO RESTORE CARDIAC RESYN-  
CHRONIZATION THERAPY IN DUAL  
CHAMBER TRACKING MODES

- RECUPERATION DU RYTHME DE  
L'OREILLETTE DESTINEE A RES-  
TAURER UNE THERAPIE DE RESYN-  
CHRONISATION CARDIAQUE EN  
MODES DE SYNCHRONISATION DE  
CHAMBRE DUALES

(71) MEDTRONIC, INC. [US/US]; MS LC340,  
710 Medtronic Parkway, Minneapolis, MN  
55432 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KLECKNER, Karen, K. [US/US];  
3029 Seminary Drive, New Brighton,  
MN 55112 (US). BETZOLD, Robert, A.  
[US/US]; 1421 North Danube Road, Fridley,  
MN 55432 (US). LYNN, Thomas, G., Jr.  
[US/US]; 146 Whispering Oaks Drive, West  
Chester, PA 19382 (US).

(74) MCDOWALL, Paul, H. et al. / etc.; MS  
LC340, 710 Medtronic Parkway, Minneapo-  
lis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> A61N 1/00

(11) WO 2004/093974 (13) A2

(21) PCT/US2004/011124

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/418,857 18 Apr/avr 2003 US  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR  
IDENTIFYING CARDIAC AND  
NON-CARDIAC OVERSENSING  
USING INTRACARDIAC ELECTRO-  
GRAMS

- PROCEDE ET APPAREIL POUR IDEN-  
TIFIER UNE SURDETECTION CAR-  
DIAQUE ET NON CARDIAQUE AU  
MOYEN D'ELECTROGRAMMES IN-  
TRACARDIAQUES

(71) MEDTRONIC, INC. [US/US]; MS LC340,  
710 Medtronic Parkway, Minneapolis, MN  
55432 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) GUNDERSON, Bruce, D. [US/US];  
4735 Pilgram Lane North, Plymouth, MN  
55442 (US).

(74) WOLDE-MICHAEL, Girma et al. / etc.;  
MS LC340, 710 Medtronic Parkway, Min-  
neapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> A61N 1/00

(11) WO 2004/093975 (13) A2

(21) PCT/US2004/011237

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/417,978 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND APPARATUS FOE DE-  
CREASING INCIDENCES OF EARLY  
RECURRENCE OF ATRIAL FIBRILLA-  
TION

- PROCEDES ET APPAREILS PERMET-  
TANT DE REDUIRE L'INCIDENCE DE  
LA RECURRENCE PRECOCE DE LA  
FIBRILLATION AURICULAIRE

(71) MEDTRONIC, INC. [US/US]; MS LC340,  
710 Medtronic Parkway, Minneapolis, Min-  
nesota 55432 (US).

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les États désignés sauf US)

(72, 75) MUSLEY, Shaesh Kuma V. [US/US];  
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South Plymouth Road, Number 312, Min-  
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Eduardo, N. [US/US]; 10949 Pheasant Lane  
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(74) WOLDE-MICHAEL, Girma et al. / etc.;  
MS LC340, 710 Medtronic Parkway, Min-  
neapolis, Minnesota 55432 (US).

(74) WOLDE-MICHAEL, Girma et al. / etc.;  
MS LC340, 710 Medtronic Parkway, Min-  
neapolis, Minnesota 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> A61N 1/00

(11) WO 2004/093976 (13) A2

(21) PCT/US2004/011743

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/422,064 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ADDRESSING PACEMAKER SYN-  
DOME

- TRAITEMENT DU SYNDROME DU  
STIMULATEUR CARDIAQUE

(71) MEDTRONIC, INC. [US/US]; MS LC340,  
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55432 (US).



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(72, 75) **CORBUCCI, Giorgio** [IT/IT]; via: Malagodi 19/5, I-44042 Cento (IT).

(74) **SOLDNER, Michael**, et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MI 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61N 1/05

(11) **WO 2004/093977** (13) A1

(21) PCT/US2004/011568

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 10/420,110 **21 Apr/avr 2003** US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **IMPLANTABLE MEDICAL LEAD DE-SIGNS**

• **MODELES DE DERIVATIONS MEDICALES IMPLANTABLES**

(71) **MEDTRONIC, INC.** [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, Minnesota 55432 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADAMS, Paulus, G.** [NL/NL]; Gouverneur Houbenlaan 15, NL-6151 Munstergeleen (NL). **SMITS, Karel, F.A.A.** [NL/NL]; Gelrestraat 2, NL-6151 JA Munstergeleen (NL). **RUTTEN, Jean, Joseph, Gerardus** [NL/NL]; Persoonstraat 21, NL-6321 EL Bochtoltz (NL).

(74) **BELDEN, Elisabeth, L.** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, Minnesota 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Published / Publiée : (c)**

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61N 1/05, 1/08

(11) **WO 2004/093978** (13) A1

(21) PCT/US2004/002182

(22) **27 Jan/jan 2004 (27.01.2004)**

(25) en (26) en

(30) 10/406,039 **2 Apr/avr 2003** US (02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **NEUROSTIMULATION THERAPY OPTIMIZATION BASED ON A RATED SESSION LOG**

• **OPTIMISATION DE LA THERAPIE PAR NEUROSTIMULATION SUR LA BASE D'UNE OUVERTURE DE SESSION PRESENTANT DES CARACTERISTIQUES ASSIGNEES**

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5604 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **LEE, Michael, T.**; 4025 Thrushwood Lane, Minnetonka, MN 55435 (US). **VINUP, Daniel, K.**; 18763 68th Avenue N, Maple Grove, MN 55311 (US). **GOETZ, Steven, M.**; 4650 58th Place North, Brooklyn Center, MN 55429 (US).

(74) **KELLY, Jason, D.**; Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N 1/18, 1/39

(11) **WO 2004/093979** (13) A1

(21) PCT/US2004/012421

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 60/464,860 **22 Apr/avr 2003** US (22.04.2003)

(30) 60/530,151 **17 Dec/déc 2003** US (17.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **DEFIBRILLATOR/MONITOR SYSTEM HAVING A POD WITH LEADS CAPABLE OF WIRELESSLY COMMUNICATING**

• **SYSTEME DE DEFIBRILLATION/SURVEILLANCE COMPORTANT UN ENSEMBLE FONCTIONNEL POURVU D'ELECTRODES, POUVANT EFFECTUER DES COMMUNICATIONS SANS FIL**

(71) **MEDTRONIC PHYSIO-CONTROL CORP.** [US/US]; 11811 Willows Road, Northeast, P.O. Box 97006, Redmond, WA 98073-9706 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PEARCE, Christopher** [US/US]; c/o 11811 Willows Road Northeast, Redmond, WA 98073-9706 (US). **NEUMILLER, James** [US/US]; c/o 11811 Willows Road Northeast, Redmond, WA 98073-9706 (US). **DAYNES, John, C.** [US/US]; c/o 11811 Willows Road Northeast, Redmond, WA 98073-9706 (US). **HILL, Doug** [US/US]; c/o 11811 Willows Road Northeast, Redmond, WA 98073-9706 (US). **KAVOUNAS, Gregory, T.** [US/US]; 11410 N.E. 124th Street, #216, Kirkland, WA 98034 (US). **MCGRATH, Thomas, J.** [US/US]; c/o 11811 Willows Road Northeast, Redmond, WA 98073-9706 (US). **MERRY, Randy** [US/US]; c/o 11811 Willows Road Northeast, Redmond, WA 98073-9706 (US). **PETERSON, Ken** [US/US]; c/o 11811 Willows Road Northeast, Redmond, WA 98073-9706 (US). **WUNG, Peter** [US/US]; c/o 11811 Willows Road Northeast, Redmond, WA 98073-9706 (US).

(74) **PAIGE, James, J.** et al. / etc.; Fredrikson & Byron, P.A., 200 South Sixth Street, Suite 4000, Minneapolis, MN 55402-1425 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Published / Publiée : (c)**

(51)<sup>7</sup> A61N 1/30

(11) WO 2004/093980 (13) A1

(21) PCT/US2004/008365

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/396,017 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVED PHOTSENSITIZERS APPLICATION PROTOCOLS

- PROTOCOLES D'APPLICATION FAISANT INTERVENIR DES PHOTSENSIBILISANTS AMELIORES

(71) CERAMOPTEC INDUSTRIES, INC. [US/US]; 515 Shaker Road, East Longmeadow, MA 01028 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) BODE, Hans-Peter; Talstrasse 2, D-07743 Jena (DE). ALBRECHT, Volker; Iltisweg 8, D-07749 Jena (DE).

(74) BOLESH, J., Skutnik; Ceramoptec Industries, Inc., 515 Shaker Road, East Longmeadow, MA 01028 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61N 1/32, 1/372

(11) WO 2004/093981 (13) A1

(21) PCT/DE2004/000737

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 18 071.0 17 Apr/avr 2003 DE (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR THE DESYNCHRONIZATION OF NEURONAL BRAIN ACTIVITY

- DISPOSITIF DE DESYNCHRONISATION DE L'ACTIVITE CEREBRALE NEURONALE

(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TASS, Peter [DE/DE]; Volmerswerther Strasse 393, 40221 Düsseldorf (DE).

(74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK

DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A61N 1/34, 1/36, 1/372, A61B 5/0205

(11) WO 2004/093982 (13) A1

(21) PCT/US2004/011389

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/419,405 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NEUROSTIMULATION FOR TREATMENT OF SLEEP APNEA

- NEUROSTIMULATION DESTINEE A TRAITER LES EFFETS DE L'APNEE DU SOMMEIL

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KING, Gary, W. [US/US]; 1319 Hillcrest Drive Northeast, Fridley, MN 55432 (US). MIANULLI, Marcus, J. [US/US]; 18615 27th Avenue North, Plymouth, MN 55447 (US). HILL, Michael, R. S. [US/US]; 121 West Franklin Avenue, Minneapolis, MN 55404 (US). MULLEN, Thomas, J. [US/US]; 2033 135th Lane northeast, Ham Lake, MN 55304 (US). TESTERMAN, Roy, L. [US/US]; 8515 40th Avenue North, New Hope, MN 55427 (US). BURNES, John, E. [US/US]; 1442 159th Avenue Northwest, Andover, MN 55304 (US). ZHOU, Xiaohong [US/US]; 17715 45th Avenue North, Plymouth, MN 55446 (US).

(74) CHAPIK, Daniel, G. et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU*

AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61N 1/34, 1/372, 1/08, G06F 19/00

(11) WO 2004/093983 (13) A1

(21) PCT/US2004/002151

(22) 27 Jan/jan 2004 (27.01.2004)

(25) en (26) en

(30) 10/406,038 2 Apr/avr 2003 US (02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COLLECTION OF USAGE INFORMATION OF NEUROSTIMULATION THERAPY PROGRAMS

- RECUEIL D'INFORMATIONS D'UTILISATION SUR DES PROGRAMMES DE THERAPIE PAR NEUROSTIMULATION

(71) MEDTRONIC, INC. [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5604 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) LEE, Michael, T.; 4025 Thrushwood Lane, Minnetonka, MN 55435 (US). VINUP, Daniel, K.; 18763 68th Avenue N, Maple Grove, MN 55311 (US). GOETZ, Steven, M.; 4650-58th Place North, Brooklyn Center, MN 55429 (US).

(74) KELLY, Jason, D.; Shumaker &amp; Sieffert, P.A., Suite 105, 8425 Seasons Parkway, St. Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N 1/36

(11) WO 2004/093984 (13) A1

(21) PCT/US2004/002114

(22) 26 Jan/jan 2004 (26.01.2004)

(25) en (26) en

(30) 10/420,991 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GENERATION OF MULTIPLE NEUROSTIMULATION THERAPY PROGRAMS

• GENERATION DE PROGRAMMES DE THERAPIE DE NEUROSTIMULATION MULTIPLES

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5604 (US).

(72) **STYPULKOWSKI, Paul, H.**; 61 Deer Hills Court, North Oaks, MN 55127 (US).

(74) **SHUMAKER, Steven, J.**; Shumaker & Siefert, P.A., Suite 105, 8425 Seasons Parkway, Saint Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N 1/365

(11) **WO 2004/093985** (13) A1

(21) PCT/US2004/011498

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 10/414,908 **16 Apr/avr 2003** US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PACEMAKER WITH VASOVAGAL SYNCOPE DETECTION AND THERAPY

• STIMULATEUR CARDIAQUE A DETECTION DE SYNCOPE VASOMOTRICE ET THERAPIE ASSOCIEE

(71) **MEDTRONIC, INC.** [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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(72, 75) **MARKOWITZ, H. Toby** [US/US]; 1670 Ridgewood Lane South, Roseville, MN 55113 (US). **ERICKSON, Mark, K.** [US/US]; 9208 Victoria Court, Brooklyn Park, MN 55443 (US).

(74) **MCDOWALL, Paul, H.** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61N 1/368

(11) **WO 2004/093986** (13) A1

(21) PCT/US2004/011244

(22) **9 Apr/avr 2004 (09.04.2004)**

(25) en (26) en

(30) 10/422,065 **23 Apr/avr 2003** US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CARDIAC RESYNCHRONIZATION VIA LEFT VENTRICULAR PACING

• RESYNCHRONISATION CARDIAQUE PAR STIMULATION DU VENTRICULE GAUCHE

(71) **MEDTRONIC, INC.** [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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(72, 75) **CORBUCCI, Giorgio** [IT/IT]; via: Malagodi 19/5, I-44042 Cento (FE) (IT).

(74) **WOLDE-MICHAEL, Girma** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61N 1/368

(11) **WO 2004/093987** (13) A2

(21) PCT/US2004/011496

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 10/418,856 **18 Apr/avr 2003** US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND APPARATUS FOR ATRIOVENTRICULAR SEARCH

• PROCEDES ET APPAREIL DE RECHERCHE AURICULO-VENTRICULAIRE

(71) **MEDTRONIC, INC.** [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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(72, 75) **FEREK-PETRIC, Bozidar** [HR/HR]; Sovinec 17, 10000 Zagreb (HR).

(74) **CHAPIK, Daniel, G.** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61N 1/372, A61B 5/00, A61N 1/37

(11) **WO 2004/093988** (13) A1

(21) PCT/US2004/010924

(22) **9 Apr/avr 2004 (09.04.2004)**

(25) en (26) en

(30) 10/422,533 **23 Apr/avr 2003** US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REMOTE MONITORING OF IMPLANTED MEDICAL DEVICE AND SURFACE ECG SIGNALS

• CONTROLE A DISTANCE DE DISPOSITIFS MEDICAUX IMPLANTES ET DE SIGNAUX ECG DE SURFACE

(71) MEDTRONIC, INC. [US/US]; MSLC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US). BERGELSON, Michael [US/US]; 750 Kappock Street, Bronx, NY 10463 (US).

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(72, 75) MAYDENOV, Narcis [US/US]; 87 Hardwick Lane, Wayne, NJ 07470 (US).

(74) WOLDE-MICHAEL, Girma et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> A61N 1/372

(11) WO 2004/093989 (13) A1

(21) PCT/US2004/002109

(22) 26 Jan/jan 2004 (26.01.2004)

(25) en (26) en

(30) 10/406,041 2 Apr/avr 2003 US (02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIBRARY FOR MANAGEMENT OF NEUROSTIMULATION THERAPY PROGRAMS

• BANQUE POUR GERER DES PROGRAMMES THERAPEUTIQUES DE NEUROSTIMULATION

(71) MEDTRONIC, INC. [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5604 (US).

(72) LEE, Michael, T.; 4025 Thrushwood Lane, Minnetonka, MN 55435 (US). VINUP, Daniel, K.; 18763 68th Avenue N, Maple Grove, MN 55311 (US). GOETZ, Steven, M.; 4650-58th Place North, Brooklyn Center, MN 55429 (US).

(74) KELLY, Jason, D.; Shumaker & Sieffert, P.A., Suite 105, 8425 Seasons Parkway, St. Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N 1/372

(11) WO 2004/093990 (13) A1

(21) PCT/US2004/002159

(22) 27 Jan/jan 2004 (27.01.2004)

(25) en (26) en

(30) 10/406,040 2 Apr/avr 2003 US (02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MANAGEMENT OF NEUROSTIMULATION THERAPY USING A PLURALITY OF STORED PARAMETER SETS

• GESTION DE THERAPIES DE NEUROSTIMULATION UTILISANT DIFFERENTS ENSEMBLES DE PARAMETRES ENREGISTRES

(71) MEDTRONIC, INC. [US/US]; 710 Medtronic Parkway NE, Minneapolis, MN 55432-5604 (US).

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(72) LEE, Michael, T.; 4025 Thrushwood Lane, Minnetonka, MN 55435 (US). VINUP, Daniel, K.; 18763 68th Avenue N, Maple Grove, MN 55311 (US). GOETZ, Steven, M.; 4650-58th Place North, Brooklyn Center, MN 55429 (US).

(74) KELLY, Jason, D.; Shumaker & Sieffert, P.A., 8425 Seasons Parkway, Suite 105, St. Paul, MN 55125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A61N 1/39, 1/362, 1/37

(11) WO 2004/093991 (13) A1

(21) PCT/US2004/011121

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/418,853 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TACHYCARDIA SYNCHRONIZATION DELAYS

• RYTHMES DE SYNCHRONISATION POUR LA TACHYCARDIE

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, Minnesota 55432 (US).

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(72, 75) DEGROOT, Paul, J. [US/US]; 4108 Edinbrook Terrace, Brooklyn Park, Minnesota 55443 (US). HAVEL, William, J. [US/US]; 9434 Rosewood Lane North, Maple Grove, Minnesota 55369 (US). STEIN, Paul, M. [US/US]; 6876 Timber Crest Drive, Maple grove, Minnesota 55311 (US).

(74) WOLDE-MICHAEL, Girma et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, Minnesota 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

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(51)<sup>7</sup> A61N 2/12

(11) WO 2004/093992 (13) A1

(21) PCT/AT2004/000134

(22) 22 Apr/avr 2004 (22.04.2004)

- (25) de (26) de  
(30) A 625/2003 **24 Apr/avr 2003** AT  
(24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • DETECTION AND INFLUENCING OF PHYSIOLOGICAL AND/OR PATHOLOGICAL STATES  
• DETECTION D'ETATS PHYSIOLOGIQUES ET/OU PATHOLOGIQUES ET INTERVENTION SUR CES ETATS  
(71, 72) **KORPAN, Nikolai** [AT/AT]; Kaasgrabengasse 52/3/5, A-1190 Wien (AT). **FILIPPOV, Juri, A.** [UA/UA]; Mechnikova str. 7/8, Dnipropetrovsk, 320070 (UA).  
(74) **BABELUK, Michael**; Mariahilfer Gürtel 39/17, A-1150 Wien (AT).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> A61N 5/06  
(11) **WO 2004/093993** (13) A1  
(21) PCT/CA2003/000603  
(22) **23 Apr/avr 2003** (23.04.2003)  
(25) en (26) en  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • HAIR GROWTH  
• CROISSANCE CAPILLAIRE  
(71) **QLT INC.** [CA/CA]; 887 Great Northern Way, Vancouver, British Columbia V5T 4T5 (CA).  
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(72, 75) **HOULE, Jean-Marie** [CA/CA]; 2050 Scotia Street, Vancouver, British Columbia V5T 4T1 (CA). **HUNT, David, W., C.** [CA/CA]; 12722 Beckett Road, Surrey, British Columbia V4A 2X1 (CA).  
(74) **SMART & BIGGAR**; Attn: Kingwell, Brian, G., Box 11560, Vancouver Centre, 650 West Georgia Street, Suite 2200, Vancouver, British Columbia V6B 4N8 (CA).  
(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> A61N 7/00, A61B 8/00  
(11) **WO 2004/093994** (13) A1  
(21) PCT/US2004/011378  
(22) **12 Apr/avr 2004** (12.04.2004)  
(25) en (26) en  
(30) 60/463,589 **17 Apr/avr 2003** US  
(17.04.2003)  
(30) 10/822,019 **9 Apr/avr 2004** US  
(09.04.2004)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SHEAR MODE THERAPEUTIC ULTRASOUND  
• ULTRASON THERAPEUTIQUE EN MODE ROTATIONNEL  
(63) US 60/463,589 (CIP)  
17 Apr/avr 2003 (17.04.2003)  
US 10/822,019 (CIP)  
9 Apr/avr 2004 (09.04.2004)  
(71) **THE BRIGHAM & WOMEN'S HOSPITAL, INC.** [US/US]; 75 Francis Street, Boston, MA 02115 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **HYNYNEN, Kullervo** [FI/US]; 57 Indian Hill Road, Medfield, MA 02052 (US). **CLEMENT, Gregory, T.** [US/US]; 2000 Commonwealth Avenue, Apartment 1603, Boston, MA 02115 (US).  
(74) **ELRIFI, Ivor, R.**; Mintz, Levin, Cohn, Ferris, Glovsky, and Popeo, P., C., One Financial Center, Boston, MA 02111 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> A61P 9/10, A61K 31/355, 31/375, 31/195, 31/385, 31/10, 31/122, 31/455, 31/07, 31/497, 31/444, 31/05, 31/352  
(11) **WO 2004/093995** (13) A2  
(21) PCT/GB2004/001695  
(22) **19 Apr/avr 2004** (19.04.2004)  
(25) en (26) en  
(30) 0308952.1 **17 Apr/avr 2003** GB  
(17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • USE OF ANTIOXIDANTS TO TREAT BONE LOSS DISORDERS

- UTILISATION D'ANTIOXYDANTS POUR TRAITER LES TROUBLES ASSOCIES A LA PERTE OSSEUSE  
(71) **ST GEORGE'S ENTERPRISES LIMITED** [GB/GB]; Cranmer Terrace, Tooting, London SW17 0RE (GB).  
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(72, 75) **CHAMBERS, Timothy, John** [GB/GB]; Department of Cellular and Molecular Medicine, St. George's Hospital Medical School, Cranmer Terrace, London SW17 0RE (GB). **FULLER, Karen** [GB/GB]; Department of Cellular and Molecular Medicine, St. George's Hospital Medical School, Cranmer Terrace, London SW17 0RE (GB). **JAGER, Christopher, John** [GB/GB]; Department of Cellular and Molecular Medicine, St. George's Hospital Medical School, Cranmer Terrace, London SW17 0RE (GB). **LEAN, Jenny, Maree** [AU/GB]; Department of Cellular and Molecular Medicine, St. George's Hospital Medical School, Cranmer Terrace, London SW17 0RE (GB).  
(74) **WOODS, Geoffrey Corlett**; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> A61P 17/08, A61K 31/18  
(11) **WO 2004/093996** (13) A1  
(21) PCT/US2004/008047  
(22) **17 Mar/mar 2004** (17.03.2004)  
(25) en (26) en  
(30) 10/406,412 **3 Apr/avr 2003** US  
(03.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • TOPICAL SULFACETAMIDE COMPOSITION AND METHOD FOR TREATING SEBORRHEIC DERMATITIS  
• COMPOSITION TOPIQUE A BASE DE SULFACETAMIDE ET PROCEDE DE TRAITEMENT DE DERMATITE SEBORRHEIQUE  
(71) **HEALTHPOINT, LTD** [US/US]; 3909 Hulen Street, Fort Worth, TX 76107 (US).  
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(72, 75) **SHROOT, Braham** [US/US]; 39009 Hulen Street, Fort Worth, TX 76107 (US). **ESPINOZA, Robert** [US/US]; 3909 Hulen Street, Fort Worth, TX 76107 (US). **WILLIS, Jimmy Joe** [US/US]; 3909 Hulen Street, Fort Worth, TX 76107 (US).  
(74) **SEASE, Edmund, J.**; McKee, Voorhees & Sease, PLC, 801 Grand Avenue, Suite 3200, Des Moines, IA 50309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 25 Feb/fév 2004 (25.02.2004)

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(30) 10/393,346 21 Mar/mar 2003 US (21.03.2003)

(30) 10/675,135 29 Sep/sep 2003 US (29.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POWERED AIR PURIFYING RESPIRATOR SYSTEM AND BREATHING APPARATUS

• SYSTEME DE RESPIRATEUR A ADUCTION D'AIR FILTRE AVEC ENSEMBLE MOTEUR/VENTILATEUR ET APPAREIL RESPIRATOIRE

(71) INTERSPIRO AB [SE/SE]; Box 10060, S-181 10 Lidingö (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROOKMAN, Michael, J. [US/US]; 34 Averill Place, Branford, CT 06405 (US).

(74) HEPPELMANN, Roger, A.; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A62C 2/06

(11) WO 2004/093998 (13) A1

(21) PCT/JP2004/005176

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-119486 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLATE SUSPENDING SYSTEM

• SYSTEME D'ACCROCHAGE DE PLAQUE

(71) YUGEN KAISHA ISHII GLASS KOGYO [JP/JP]; 1-39, Taishido 1-chome, Yao-shi, Osaka 5810063 (JP).

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(72, 75) ISHII, Saburo [JP/JP]; 1561-11, Oazataka, Kashiwara-shi, Osaka 5820015 (JP).

(74) HAYASAKA, Takumi; Hayasaka International Patent, 2nd Fl., Kitahama-heiwa Bldg., 5-13, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A62C 13/76

(11) WO 2004/093999 (13) A2

(21) PCT/EP2004/004028

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 203 06 226.4 19 Apr/avr 2003 DE (19.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HAND FIRE EXTINGUISHER COMPRISING A HANDLE

• EXTINGUEUR A MAIN MUNI D'UNE POIGNEE DE TRANSPORT

(71) GLORIA-WERKE, H. SCHULTE-FRANKENFELD GMBH & CO. KG [DE/DE]; Diestedder Strasse 39, 59329 Wadersloh (DE).

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(72, 75) SCHULTE-FRANKENFELD, Manfred [DE/DE]; Am Stadtgarten 1, 33332 Gütersloh (DE).

(74) ELBERTZHAGEN, Otto; Gadderbaumer Strasse 14, 33602 Bielefeld (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A62C 37/00, 31/02, 31/03

(11) WO 2004/094000 (13) A1

(21) PCT/FI2004/000244

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 20030620 24 Apr/avr 2003 FI (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR BLOCKING A MEDIUM FLOW PASSAGE IN A SPRAY HEAD, AND SPRAY HEAD

• APPAREIL PERMETTANT DE BLOQUER UN PASSAGE D'ECOULEMENT POUR UN MILIEU DANS UNE TETE DE PULVERISATION ET TETE DE PULVERISATION

(71) MARIOFF CORPORATION OY [FI/FI]; Virnatie 3, FI-01300 Vantaa (FI).

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(72, 75) SUNDHOLM, Göran [FI/FI]; Ilmari Kiannon kuja 3, FI-04310 Tuusula (FI). METZGER, Harry [FI/FI]; Aleksis Kiven tie 49, FI-04200 Kerava (FI).

(74) HEINÄNEN OY; Annankatu 31-33 C, FI-00100 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 16 Jan/jan 2004 (16.01.2004)

(25) en (26) en

(30) PCT/US03/12027 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUPPLEMENTAL OZONE TREATMENT FOR ENSURING THE STERILITY OF INSTRUMENT CLEANING SYSTEMS

• TRAITEMENT D'APPOINT A L'OZONE PERMETTANT DE GARANTIR LA STERILITE DE SYSTEMES DE NETTOYAGE D'INSTRUMENTS

(71) LANGFORD IC SYSTEMS, INC. [US/US]; 310 S. Williams Boulevard, Suite 270, Tucson, AZ 85711 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANGFORD, Terrence, R. [US/US]; 4049 Quiet Moon Drive, Tucson, AZ 85718 (US).

(74) MILCZAREK-DESAI, Gavin, J.; Quarles & Brady Streich Lang LLP, One South Church Avenue, Suite 1700, Tucson, AZ 85701-1621 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations  
(u) for / pour US only / seulement

(51)<sup>7</sup> A62D 1/00  
(11) WO 2004/094002 (13) A2  
(21) PCT/US2004/011563

(22) 14 Apr/avr 2004 (14.04.2004)  
(25) en (26) en  
(30) 10/418,781 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FIRE EXTINGUISHING MIXTURES, METHODS, AND SYSTEMS  
• MELANGES, PROCEDES ET SYSTEMES D'EXTINCTION D'INCENDIE

(71) PCBU SERVICES, INC. [US/US]; 300 Delaware Ave., Suite 1269, Wilmington, DE 19801 (US).  
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(72) SHARMA, Vimal; 2101 Cumberland Avenue, #5104, West Lafayette, IN 47906 (US). REGISTER, W., Douglas; 70 Mill Drive, Lafayette, IN 47905 (US). HARRIS, James; 681 Quinn Road, EL Dorado, AR 71730 (US). ROWLAND, Thomas, F.; 319 Pleasant Grove Road, El Dorado, AR 71730 (US). CISNEROS, Mark; 3227 Jasper Street, West Lafayette, IN 47906 (US).

(74) HYTA, Robert, C.; Wells St. John, P.S., 601 West 1st Street, Suite 1300, Spokane, WA 99201-3828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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(t) for all designations / pour toutes les désignations

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(11) WO 2004/094003 (13) A2  
(21) PCT/US2004/011735

(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,534 17 Apr/avr 2003 US (17.04.2003)

(30) 10/611,763 1 Jul/juil 2003 US (01.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EXERCISE DEVICE FOR EXERCISING UPPER BODY SIMULTANEOUSLY WITH LOWER BODY EXERCISE  
• APPAREIL D'EXERCICE PERMETTANT D'EXERCER LA PARTIE SUPERIEURE DU CORPS SIMULTANEMENT AVEC LA PARTIE INFERIEURE DU CORPS

(71) WILKINSON, William, T. [US/US]; 29 Sunset Drive, P.O. Box 73, Salem, NJ 08079 (US).  
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(72) THEISEN, Paul, M.; 612 W. 2nd Street, Waconia, MN 55387 (US). SOMERS, Micah, T.; 3116 17th Avenue South #1, Minneapolis, MN 55407 (US).

(74) KRIKELIS, Costas, S.; RatnerPrestia, P.O. Box 1596, Wilmington, DE 19899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63B  
(11) WO 2004/094004 (13) A2  
(21) PCT/US2004/012617

(22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en

(30) 60/465,163 23 Apr/avr 2003 US (23.04.2003)

(30) 60/476,027 5 Jun/juin 2003 US (05.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BASEBALL FIELDING PRACTICE MACHINE  
• MACHINE D'ENTRAINEMENT AU BASE-BALL POUR LE JEU AU CHAMP

(71, 72) WILMOT, Thomas [US/US]; 76 Williams Way, Tolland, CT 06084 (US).

(74) MACDONALD, Donald, J.; McCormick, Paulding & Huber LLP, CityPlace II, 185 Asylum Street, Hartford, CT 06103-3402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63B 41/08, 45/00, B29D 22/00, B29C 44/00, C08J 9/12

(11) WO 2004/094005 (13) A1  
(21) PCT/US2004/008179

(22) 17 Mar/mar 2004 (17.03.2004)  
(25) en (26) en

(30) 10/421,570 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GAME BALL INCORPORATING A POLYMER FOAM  
• BALLON DE JEU A MOUSSE POLYMERE

(71) NIKE, INC. [US/US]; One Bowerman Dr., Beaverton, OR 97005 (US).  
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(71) NIKE INTERNATIONAL LTD. [GB/US]; One Bowerman Drive, Beaverton, OR 97005 (US).  
(for all designated States except / pour tous les États désignés sauf JP KR US)

(74) KUZARA, Byron, S.; Banner & Witcoff, LTD., 1001 G Street, N.W., Eleventh Floor, Washington, D.C. 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) es (26) es

(30) P200300937 23 Apr/avr 2003 ES (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TRAINING BENCH FOR CYCLISTS

- BANC D'ENTRAÎNEMENT POUR CYCLISTES

(71, 72) MÚGICA MIGUEL, Jacobo [ES/ES]; Siervas de Jesús, 37-5<sup>o</sup>, E-01001 Vitoria (ES). SARACHO ROTAECHE, Luis [ES/ES]; Siervas de Jesús, 37-5<sup>o</sup>, E-01001 Vitoria (ES).

(74) DAVILA BAZ, Angel; Clarke, Modet & Co., Goya, 11, E-28001 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63B 71/12

(11) WO 2004/094007 (13) A1

(21) PCT/GB2003/001719

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GRIPPABLE SPORTS DEVICE

- DISPOSITIF SPORTIF SAISSABLE

(71, 72) GIACHERI, Mark [AU/GB]; 24 Broom Terrace, Rotherham, South Yorkshire S60 2TF (GB).

(74) FRANKS & CO; 9 President Buildings, Savile Street East, Sheffield S4 7UQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> A63B 71/12

(11) WO 2004/094008 (13) A2

(21) PCT/GB2004/001746

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) PCT/GB03/001719 22 Apr/avr 2003 GB (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GRIPPABLE SPORTS DEVICE

- DISPOSITIF DE SPORT POUVANT ETRE SAISI

(71, 72) GIACHERI, Mark [AU/GB]; 16 Sherbourne Crescent, Coundon, Coventry CV5 8LE (GB).

(74) FRANKS & CO et al. / etc.; 9 President Buildings, Savile Street East, Sheffield S4 7UQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

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(51)<sup>7</sup> A63C 5/03

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(21) PCT/DE2004/000799

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(25) de (26) de

(30) 203 06 244.2 19 Apr/avr 2003 DE (19.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SNOWBOARD

- PLANCHE A NEIGE

(71, 72) KOSMEHL, Patrick-Alexander [DE/DE]; Breiteweg 81, 39179 Barleben (DE).

(74) LEINUNG, Günter; Olvenstedter Strasse 15, 39108 Magdeburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> A63F

(11) WO 2004/094010 (13) A2

(21) PCT/US2004/011962

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,683 18 Apr/avr 2003 US (18.04.2003)

(30) 10/824,561 15 Apr/avr 2004 US (15.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLAYING CARDS AND BOX THEREFOR

- CARTES A JOUER ET BOITE ASSOCIEE

(71, 72) PIERRE, David, G. [US/US]; 1415 Spring Road, N.W., Washington, DC, 20010

(74) GREENBAUM, Michael C. et al. / etc.; 600 New Hampshire Avenue, NW, Suite 1100, Washington, DC 20037 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F

(11) WO 2004/094011 (13) A2

(21) PCT/US2004/008463

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/457,260 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR IMPROVING THE CONTROL OF A CONCRETE SCREED HEAD ASSEMBLY

- APPAREIL ET PROCEDE PERMETTANT D'AMELIORER LA COMMANDE D'UN ENSEMBLE TETE D'ARASEMENT DU BETON

(71) DELAWARE CAPITAL FORMATION, INC. [US/US]; 1403 Foulk Road, Suite 102, Wilmington, DE 09803 (US).

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(72, 75) QUENZI, Philip J. [US/US]; 47220 N. Larson Road, Atlantic Mine, MI 49905 (US). KIERANEN, Carl B. [US/US]; 44851 Paradise Road, Chassell, MI 49916 (US). ANDERSON, Frank E. [US/US]; 50234 Rauhala Road, Atlantic Mine, MI 49905 (US). TORVINEN, Jeffrey W. [US/US];



6 7th Street, South Range, MI 49963 (US).  
**PIETILA, Mark A.** [US/US]; 47940 Harma Road, Atlantic Mine, MI 49905 (US).

(74) **FLORY, Timothy A.**; VAN DYKE, GARDNER, LINN & BURKHART, LLP 2851 Charlevoix Drive, SE, Suite 207, P.O. Box 888695, Grand Rapids, MI 49588-8695 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A63F 1/02, 1/18

(11) WO 2004/094012 (13) A2

(21) PCT/US2004/011315

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 60/463,978 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WIRELESS MONITORING OF PLAYING CARDS AND/OR WAGERS IN GAMING  
• CONTROLE SANS FIL DE CARTES A JOUER ET/OU DE MISES DANS UN JEU

(71) **ALLIANCE GAMING CORPORATION** [US/US]; 11225 Southeast 6th Street, Bldg. C., Suite 110, Bellevue, WA 98004 (US).  
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(72, 75) **SOLTYS, Richard** [US/US]; 14529 Southeast 85th Street, Newcastle, WA 98059 (US). **HUIZINGA, Richard** [CA/US]; 14529 Southeast 85th Street, Newcastle, WA 98059 (US).

(74) **VERSHAVE, Richard, C.** et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F 5/04

(11) WO 2004/094013 (13) A1

(21) PCT/GB2004/001644

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308772.3 16 Apr/avr 2003 GB (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AUTOMATIC ROULETTE WHEEL  
• ROUE AUTOMATIQUE DE ROULETTE

(71) **CAMMEGH LIMITED** [GB/GB]; Old Surrenden Manor, Bethersden, Kent TN26 3DL (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CAMMEGH, Richard, William** [GB/GB]; Broadway Green Farm, Petham, Canterbury, Kent CT4 5RX (GB).

(74) **COHEN, Alan, Nicol**; 2 Grove Place, Tatsfield, NR Westerham, Kent TN16 2BB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F 9/24

(11) WO 2004/094014 (13) A1

(21) PCT/US2003/041644

(22) 30 Dec/déc 2003 (30.12.2003)

(25) en (26) en

(30) 60/458,811 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SLOT MACHINE REAL IMAGE DISPLAY SYSTEM  
• SYSTEME D'AFFICHAGE D'IMAGE EN TEMPS REEL D'UNE MACHINE A SOUS

(71) **OPTICAL PRODUCTS DEVELOPMENT CORP.** [US/US]; ATTN: Kenneth Westort, 301 East Center Street, Elmira, NY 14901 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROBINSON, Douglas L.** [US/US]; 624 Coddington Road, Ithaca, NY 14850 (US). **WESTORT, Kenneth S.** [US/US]; 1509 Slaterville Road, Ithaca, NY 14850 (US).

(74) **AQUILLA, Thomas T.** et al. / etc.; 400 M & T Bank Building, 118 N. Tioga St., Ithaca, NY 14850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63F 13/00, G09B 7/04

(11) WO 2004/094015 (13) A1

(21) PCT/AU2004/000537

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003901956 24 Apr/avr 2003 AU (24.04.2003)

(30) 60/466,511 29 Apr/avr 2003 US (29.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GAME  
• JEU

(71) **HEALTH INNOVATIONS GROUP PTY LIMITED** [AU/AU]; A.C.N. 104 288 217, CC/- Synergy Associates, 108 Cathedral Street, Woolloomooloo, New South Wales 2011 (AU).

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(72, 75) **FINDLAY, Anthony, John** [AU/AU]; 6/17 Claude Avenue, Neutral Bay, New South Wales 2089 (AU).

(74) **COWLE, Anthony, John** et al. / etc.; Davies Collison Cave, Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63H

(11) WO 2004/094016 (13) A2

(21) PCT/IL2004/000348

(22) 25 Apr/avr 2004 (25.04.2004)

(25) en (26) en

(30) 155553 24 Apr/avr 2003 IL (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INTERACTIVE SYSTEM FOR GENERATING LOCAL AND REMOTE RESPONSES

• SYSTEME INTERACTIF PERMETTANT DE GENERER DES REPONSES LOCALES ET A DISTANCE

(71, 72) BEYO, MICHAEL [IL/IL]; 27 BEN ZION BLVD., 64286 TEL AVIV (IL). BEYO, REFAEL [IL/IL]; 27 BEN ZION BLVD, 64286 TEL AVIV (IL).

(74) RECHES, OREN; 13 HADAFNA ST., POB 913, 42823 ZORAN (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for all designations / pour toutes les désignations; (s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> A63H

(11) WO 2004/094017 (13) A2

(21) PCT/US2004/011904

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/420,510 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLUSH TOY CLOSURE ARRANGEMENT

• DISPOSITIF DE FERMETURE DE JOUET EN PELUCHE

(71) GEOFFREY, INC. [US/US]; One Geoffrey Way, Wayne, NJ 07470 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIEN, Yaling [US/US]; 504 Eugene Way, Wyckoff, NJ 07481 (US). HO, Siu, Kuen [—/CN]; Flat H, 2nd Flr., Block 6, Tsui Ning Garden, Tuen, Mun, N.T., Hong Kong (CN).

(74) FIELDS, Paul et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63H 27/00

(11) WO 2004/094018 (13) A2

(21) PCT/DE2004/000860

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 203 06 331.7 23 Apr/avr 2003 DE (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR DRIVING MODEL AIRPLANES

• DISPOSITIF D'ENTRAINEMENT POUR MAQUETTES D'AVIONS

(71, 72) KRUZEL, Reinhold [DE/DE]; Wassergasse 2, 96216 Lichtenfels (DE).

(74) SCHUHMANN, Albrecht; c/o Merten & Pfeffer, Allersberger Strasse 185, 90461 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> A63H 33/20

(11) WO 2004/094019 (13) A1

(21) PCT/RU2004/000151

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ru (26) ru

(30) 2003111728 22 Apr/avr 2003 RU (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TOY AIRCRAFT

• AERONEF-JOUET

(71, 72) GAMBARYAN, Manvel Surenovich [RU/RU]; ul. Elmskaya, 12-1-30, Moscow, 121615 (RU).

(74) PETROV, Ivan Ivanovich; ul. Sivashskaya, 6-1-191, Moscow, 117149 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D

(11) WO 2004/094020 (13) A2

(21) PCT/US2004/012071

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,778 17 Apr/avr 2003 US (17.04.2003)

(30) 60/466,305 28 Apr/avr 2003 US (28.04.2003)

(30) 60/509,098 5 Oct/oct 2003 US (05.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CRYSTAL GROWTH DEVICES AND SYSTEMS, AND METHODS FOR USING SAME

• DISPOSITIFS ET SYSTEMES DE CRISTALLOGENESE ET METHODES D'UTILISATION DE CEUX-CI

(71) FLUIDIGM CORPORATION [US/US]; 7100 Shoreline Court, South San Francisco, CA 94080 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NASSEF, Hany Ramez [US/US]; 1857 Nash Drive, San Mateo, CA 94401 (US). FACER, Geoffrey [AU/US]; 940 Guerrero Street, Apartment 18, San Francisco, CA 94110 (US). BARCO, Joseph [US/US]; 90 Parkridge Drive, Apartment 8, San Francisco, CA 94131-1423 (US).

(74) MAO, Daniel et al. / etc.; TOWNSEND AND TOWNSEND AND CREW, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B01D

(11) WO 2004/094021 (13) A2

(21) PCT/US2004/012090

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/419,393 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CAPILLARY CONDENSATION  
METHOD AND APPARATUS FOR  
DETERMINING POROSITY CHARAC-  
TERISTICS OF A SAMPLE

- PROCEDE ET APPAREIL DE CONDEN-  
SATION CAPILLAIRE PERMETTANT  
DE DETERMINER DES CARACTERIS-  
TIQUES DE POROSITE D'UN ECHAN-  
TILLON

(71) POROUS MATERIALS, INC. [US/US]; 20  
Dutch Mill Road, Ithaca, NY 14850 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) GUPTA, Krishna [US/US]; 12 Grand-  
view Drive, Ithaca, NY 14850 (US). JENA,  
Akshaya [US/US]; 24F Gaslight Village  
Apt., Ithaca, NY 14850 (US).(74) VAN LEEUWEN, Meghan et al. / etc.;  
Brown & Michaels, PC, 400 M & T Bank  
Building, 118 N. Tioga St., Ithaca, NY 14850  
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> B01D

(11) WO 2004/094022 (13) A2

(21) PCT/US2004/012247

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,523 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLEATED CONSTRUCTION FOR EF-  
FECTING GAS TRANSFER MEM-  
BRANE

- CONSTRUCTION EN ACCORDEON  
PERMETTANT D'EFFECTUER UN  
PASSAGE A TRAVERS UNE MEM-  
BRANE DE TRANSFERT GAZEUX

(71) MYKROLIS CORPORATION [US/US];  
129 Concord Road, Billerica, MA  
01821-4600 (US).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) WU, Qunwei [US/US]; 10 Coolidge  
Street, Westford, MA 01886 (US).  
BRODEUR, Craig, L. [US/US]; 26 Dal-  
ton Road, Marlborough, MA 01752 (US).  
SHYU, Jieh-Hwa [US/US]; 6 Starr Ave East,  
Andover, MA 01810 (US). MCNAMARA,  
Eric [US/US]; #2 Highland Street, Nashua,  
NH 03064 (US).(74) KING, Timothy, J. et al. / etc.; Mykro-  
lis Corporation, 129 Concord Road, Billerica,  
MA 01821-4600 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> B01D

(11) WO 2004/094023 (13) A2

(21) PCT/US2004/012391

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,240 21 Apr/avr 2003 US  
(21.04.2003)(30) 60/539,951 29 Jan/jan 2004 US  
(29.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR THE TREATMENT OF  
WASTE OR GASEOUS STREAMS

- PROCEDE POUR TRAITER DES DE-  
CHETS OU DES FLUX GAZEUX

(71) MANUFACTURING AND TECHNOL-  
OGY CONVERSION, INC. [US/US]; 6001  
Chemical Road, Baltimore, MD 21226 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) MANSOUR, Momtaz, N. [US/US];  
6313 Isle Of Skye Drive, Highland, MD  
20777 (US). CHANDRAN, Ravi [US/US];  
3915 Paul Mill Road, Ellicott City, MD  
21042 (US).(74) DORITY & MANNING, P.A.; Suite 1600,  
One Liberty Square, 55 Beattie Place, P.O.  
Box 1449, Greenville, SC 29602 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> B01D

(11) WO 2004/094024 (13) A2

(21) PCT/US2004/012828

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,868 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR REGENERATING A  
SPENT SORBENT

- PROCÉDÉ DE RÉGÉNÉRATION DE  
SORBANT UTILISÉ

(71) ENERGY & ENVIRONMENTAL RE-  
SEARCH CENTER FOUNDATION, INC.  
[US/US]; 15 North 3rd St., PO Box 9018,  
Grand Forks, North Dakota 58202-9018  
(US).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) OLSON, Edwin [US/US]; 223 Circle  
Hills Drive, Grand Forks, North Dakota  
58201 (US). HOLMES, Michael [US/US];  
614 6th Ave NE, Thompson, North Dakota  
58278 (US). PAVLISH, John [US/US];  
42204 210th St SW, East Grand Forks, Min-  
nesota 56721 (US).(74) JOHNSON, Bruce, A.; Johnson & Asso-  
ciates, PO Box 90698, Austin, Texas 78709-  
0698 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> B01D

(11) WO 2004/094025 (13) A2

(21) PCT/US2004/006113

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 10/404,234 1 Apr/avr 2003 US  
(01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF REMOVING HEXAFLU-  
OROPROPYLENE DIMERS

- PROCEDES POUR EVACUER LES DI-  
MERES D'HEXAFLUOROPROPYLENE

(71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3M Center, Post Office Box  
33427, Saint Paul, Minnesota 55133-3427  
(US).(for all designated States except / pour tous  
les États désignés sauf US)

(72) ZHANG, Zhongxing; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). QIU, Zai-Ming; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). VITCAK, Daniel R.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). FLYNN, Richard M.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) KOKKO, Kent S., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B01D

(11) WO 2004/094026 (13) A2

(21) PCT/US2004/008224

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/408,869 7 Apr/avr 2003 US (07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HOLDING DEVICE WITH DEMOUNTABLE PANELS AND SHELF

• DISPOSITIF DE MAINTIEN AVEC PANNEAUX ET TABLETTE DEMONTABLES

(71, 72) DEL FRARI, Paul [US/US]; 41 Wind-song Place, Meredith, NH 03253 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B01D

(11) WO 2004/094027 (13) A2

(21) PCT/US2004/009673

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/464,497 22 Apr/avr 2003 US (22.04.2003)

(30) 60/527,919 8 Dec/déc 2003 US (08.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MICROFILTRATION AND/OR ULTRAFILTRATION PROCESS FOR RECOVERY OF TARGET MOLECULES FROM POLYDISPERSE LIQUIDS

• PROCEDE DE MICROFILTRAGE ET/OU D'ULTRAFILTRAGE POUR RECUPERER DES MOLECULES CIBLES A PARTIR DE LIQUIDES POLYDISPERSES

(71) RENSSLAER POLYTECHNIC INSTITUTE [US/US]; 110 8th Street, Troy, NY 12180-3590 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) BELFORT, Georges; 162 Font Grove Road, Slingerlands, NY 12159 (US). BARUAH, Gautam, Lal; 1 Read, 12 Marshall Street, Troy, NY 12180 (US).

(74) GOLDMAN, Michael, L. et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 3/32, 3/00

(11) WO 2004/094028 (13) A1

(21) PCT/US2004/012406

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,467 22 Apr/avr 2003 US (22.04.2003)

(30) 10/829,034 21 Apr/avr 2004 US (21.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EXPANSION RING FOR MASS TRANSFER COLUMN AND METHOD EMPLOYING SAME

• BAGUE D'EXTENSION POUR COLONNE DE TRANSFERT DE MASSE ET PROCEDE FAISANT APPEL A CETTE DERNIERE

(71) KOCH-GLITSCH, LP [US/US]; 4111 East 37th Street North, Wichita, KS 67220 (US).

(72) GAGE, Gary, W.; 1818 Santa Maria Court, Grand Prairie, TX 75051 (US).

(74) HURD, Michael, B. et al. / etc.; Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, MO 64108-2613 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Published / Publiée : (c)

(51)<sup>7</sup> B01D 3/32

(11) WO 2004/094029 (13) A1

(21) PCT/US2004/012412

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,470 22 Apr/avr 2003 US (22.04.2003)

(30) 10/828,568 21 Apr/avr 2004 US (21.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VAPOR-LIQUID TRAYS FOR MASS TRANSFER COLUMN AND METHOD FOR SUPPORTING THE TRAYS

• PLATEAUX DE CONTACT VAPEUR-LIQUIDE POUR COLONNE DE TRANSFERT DE MASSE ET PROCEDE DE SUPPORT DESDITS PLATEAUX

(71) KOCH-GLITSCH, LP [US/US]; 4111 East 37th Street North, Wichita, KS 67220 (US).

(72) CONEY, Eddie, F.; 701 Clover Park Drive, Arlington, TX 76013 (US).

(74) HURD, Michael, B. et al. / etc.; Shook, Hardy & Bacon L.L.P., 2555 Grand Blvd., Kansas City, MO 64108-2613 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B01D 15/00

(11) WO 2004/094030 (13) A2

(21) PCT/US2004/011960

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/421,608 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR GENERATING HIGH PURITY ELUANT

• PROCEDE ET APPAREIL PERMETTANT DE GENERER UN ELUANT D'UNE PURETE ELEVEE

(71) ALLTECH ASSOCIATES, INC. [US/US]; 2051 Waukegan Road, Deerfield, IL 60015-1899 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDERSON, James, M., Jr. [US/US]; 1503 N. Beverly Lane, Arlington Heights, IL 60004 (US). SAARI-NORDHAUS, Raaidah [MY/US]; 709 Birch Hollow Drive, Antioch, IL 60002 (US).

(74) NICHOLS, Jeffry, M.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 17/04, C10G 33/02

(11) WO 2004/094031 (13) A1

(21) PCT/DK2004/000285

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) PA 2003 00604 23 Apr/avr 2003 DK (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MANIPULATION OF DISPERSED SYSTEMS

• MANIPULATION DE SYSTEMES DISPERSES

(71) ARKA HOLDING ApS [DK/DK]; Lysskovvej 2, DK-3060 Espergårde (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOHR, Henrik [DK/DK]; Øverødvej 24, DK-2840 Holte (DK). KOCH, Troels [DK/DK]; Funkiavej 47, DK-2300 Copenhagen S. (DK).

(74) INSPICOS A/S; Bøge Alle 3, P.O. Box 45, DK-2970 Hørsholm (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B01D 21/18

(11) WO 2004/094032 (13) A1

(21) PCT/US2004/010781

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/420,570 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR COLLECTING SLUDGE FROM THE FLOOR OF A SETTLER BASIN

• DISPOSITIF ET PROCEDE POUR LA COLLECTE DE SUSPENSION EPAISSE DANS UN BASSIN DE DECANTATION

(71) MEURER RESEARCH, INC. [US/US]; 6270 Joyce Drive, Golden, CO 80403 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) BRAUCH, Joseph, Karl; 710 16th Street \_\_\_\_\_, Golden, CO 80401 (US). MEURER, Charles, Lonnie; 2389 Bitterroot Lane, Golden, CO 80401 (US). MEURER, James, Malcolm; 3860 Cody Street, Wheat Ridge, CO 80033 (US).

(74) KOVARIK, Joseph, E. et al. / etc.; Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202-5141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B01D 29/19

(11) WO 2004/094033 (13) A1

(21) PCT/US2004/011914

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/419,203 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLEATED SUPPORT TUBES FOR POLYMER FILTERS

• TUBES DE SUPPORT PLISSES POUR FILTRES A POLYMERES

(71) SOLUTIA INCORPORATED [US/US]; Solutia Incorporated, 575 Maryville Centre Drive, St. Louis, MO 63141 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHARIN, Brandon [US/US]; Brandon Charin, 207 Hazardville Road, Longmeadow, MA 01106 (US). HOAGLAND, John [US/US]; John Hoagland, 477 Wolf Swamp Road, Longmeadow, MA 01106 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B01D 33/06, 33/44, 35/12, 36/02

(11) WO 2004/094034 (13) A1

(21) PCT/CH2004/000247

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 03405289.4 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FILTER DEVICE AND METHOD FOR THE PERIODIC CLEANING OF A FILTER

• DISPOSITIF FILTRANT ET PROCEDE POUR LE NETTOYAGE PERIODIQUE D'UN FILTRE

(71) UTISOL TECHNOLOGIES AG [CH/CH]; Bahnhofstrasse 21, CH-6304 Zug (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARMS, Eberhard [DE/DE]; Neuer Weg 21, 96524 Muppert (DE). GRIGO, Mark [DE/DE]; Friedrich-Strasse 15, 59494 Soest (DE).

(74) FREI PATENTANWALTSBÜRO AG; Postfach 524, CH-8029 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 35/00, C02F 1/42, F16K 13/00

(11) WO 2004/094035 (13) A1

(21) PCT/KR2004/000902

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ko (26) en

(30) 10-2003-0025214 21 Apr/avr 2003 KR (21.04.2003)

(30) 10-2003-0025213 21 Apr/avr 2003 KR (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WATER SOFTENER

• ADOUCISSEUR D'EAU

(71) SEUNG GWANG CO., LTD. [KR/KR]; 160B-10L Namdong Industrial Complex 731-7 Gojan-dong, Namdong-gu, Incheon 405-822 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JEONG, Seung-hoon [KR/KR]; 103-804 Hyundai APT, 545-1 Cheonghak-dong Yeonsu-gu, Incheon 406-120 (KR). JEONG, Choong-hoon [KR/KR]; 202-1501 Woosong APT, 634 Yeonsu-dong, Yeonsu-gu, Incheon 406-112 (KR).

(74) PARK, Hee-seop; #503 Seongji Heights 3, 642-6 Yeoksam-dong Kangnam-gu, Seoul 135-717 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B01D 36/00, 27/06, 61/18, 61/20, C02F 1/00

(11) WO 2004/094036 (13) A1

(21) PCT/US2004/006032

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 10/418,453 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FILTER ASSEMBLY UTILIZING CARBON BLOCK AND PLEATED FILTER ELEMENT

• ENSEMBLE FILTRE UTILISANT UN BLOC DE CARBONE ET UN ELEMENT DE FILTRE PLISSE

(71) CUNO, INC. [US/US]; 400 Research Parkway, Meriden, CT 06450 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) HAMLIN, Thomas; 37 Eliot Drive, Vernon, CT 06066 (US). BLAZE, Martin; 47 Dunbar Lane, Hamden, CT 06514 (US). BASSETT, Laurence, W.; 45 Granite Hill Road, Killingworth, CT 06419 (US).

(74) PAYNE, Thomas, R.; Cuno Incorporated, 400 Research Parkway, P.O. Box 1018, Meriden, CT 06450-1018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 37/00, 61/00, 33/15, 21/26, C02F 1/00

(11) WO 2004/094037 (13) A1

(21) PCT/US2004/011991

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/418,193 17 Apr/avr 2003 US (17.04.2003)

(30) 60/486,229 10 Jul/juil 2003 US (10.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PURIFYING SPENT ACID

• PROCEDE POUR PURIFIER UN ACIDE EPUISE

(71) RHODIA INC. [US/US]; 259 Prosect Plains Road, Cranbury, NJ 08512 (US).

(72) LIU, Richard, Wai-Chun; 1411 Kirby Place Lane, Seabrook, TX 77586 (US). HILL, Philip, Dean; 5324 Hall Ferry Road, Baton Rouge, LA 70817 (US). PRUITT, Thomas, Edwin; 410 Regency Drive, Deer Park, TX 77536 (US). SANDERS, Forrest, Lee; 20915 Park Canyon Drive, Katy, TX 77450 (US). YANG, Albert, Yi; 15914 Hickory Knoll Drive, Houston, TX 77059 (US).

(74) MC VEIGH, Kevin, E.; Rhodia Inc., 259 Prospect Plains Road, Cranbury, NJ 08512 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B01D 39/20

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(25) en (26) en

(30) 60/463,870 18 Apr/avr 2003 US (18.04.2003)

(30) 10/822,440 12 Apr/avr 2004 US (12.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW DENSITY NONWOVEN GLASS FIBER WEB

• TOILE DE FIBRE DE VERRE NON TISSEE A FAIBLE DENSITE

(71) HOLLINGSWORTH & VOSE COMPANY [US/US]; 112 Washington Street, East Walpole, MA 02032 (US).

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(72, 75) CHOI, Wai, Ming [US/US]; 1569 Commonwealth Avenue, West Newton, MA 02465 (US). LIFSHUTZ, Norman [US/US]; 107 Ledgewood Hills Drive, Nashua, NH 03062 (US).

(74) GEARY, William, C., III et al. / etc.; Nutter, McClellan & Fish LLP, World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B01D 46/42, B01J 39/20

(11) WO 2004/094039 (13) A2

(21) PCT/US2004/006366

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/396,851 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FILTRATION, FLOW DISTRIBUTION AND CATALYTIC METHOD FOR PROCESS STREAMS

• PROCEDE DE FILTRAGE, DE DISTRIBUTION DE FLUX ET DE CATALYSE UTILISE SUR DES FLUX A TRAITER

(71) CRYSTAPHASE INTERNATIONAL, INC. [US/US]; 16825 Northchase Drive, Suite 660, Houston, TX 77060-6029 (US).

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(72, 75) **GLOVER, John, N.** [US/US]; 16418 Graven Hill, Spring, TX 77379 (US).

(74) **BROWN, Kimberly, L.**; Bracewell & Patterson, L.L.P., P.O. Box 61389, Houston, TX 77208-1389 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 53/02

(11) WO 2004/094040 (13) A1

(21) PCT/JP2004/005812

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-119818 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CHEMICAL FILTER  
• FILTRE CHIMIQUE

(71) **ORGANO CORPORATION** [JP/JP]; 2-8, Shinsuna 1-chome, Koto-ku, Tokyo, 1368631 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INOUE, Hiroshi** [JP/JP]; c/o ORGANO CORPORATION, 2-8, Shinsuna 1-chome, Koto-ku, Tokyo, 1368631 (JP). **YAMANAKA, Koji** [JP/JP]; c/o ORGANO CORPORATION, 2-8, Shinsuna 1-chome, Koto-ku, Tokyo, 1368631 (JP). **YOSHIDA, Akiko** [JP/JP]; c/o ORGANO CORPORATION, 2-8, Shinsuna 1-chome, Koto-ku, Tokyo, 1368631 (JP). **KAWADA, Kazuhiko** [JP/JP]; c/o ORGANO CORPORATION, 2-8, Shinsuna 1-chome, Koto-ku, Tokyo, 1368631 (JP). **TORIYAMA, Yukiko** [JP/JP]; c/o ORGANO CORPORATION, 2-8, Shinsuna 1-chome, Koto-ku, Tokyo, 1368631 (JP).

(74) **AKATSUKA, Kenji et al.** / etc.; Hongo Bldg., 5F, 1-16, Kanda Suda-cho, Chiyoda-ku, Tokyo, 1010041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 53/22, 71/64, C08F 10/06, 210/06

(11) WO 2004/094041 (13) A1

(21) PCT/FR2004/050150

(22) 7 Apr/avr 2004 (07.04.2004)

(25) fr (26) fr

(30) 0304865 18 Apr/avr 2003 FR (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF TREATING A GAS MIXTURE COMPRISING PROPANE AND PROPYLENE

• PROCEDE DE TRAITEMENT D'UN MELANGE GAZEUX COMPRENANT DU PROPANE ET DU PROPYLENE

(71) **L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75 quai d'Orsay, F-75321 Paris Cédex 07 (FR).

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(72, 75) **RIU, Olivier** [FR/FR]; 301 rue Lecourbe, F-75015 Paris (FR). **BROMET, Emmanuelle** [FR/FR]; 13 rue du Dr Launay, F-92500 Rueil Malmaison (FR). **DE SOUZA, Guillaume** [FR/FR]; 1 rue du Capitaine Ferber, F-92130 Issy les MOulineaux (FR).

(74) **CONAN, Philippe**; 75 quai d'Orsay, F-75321 Paris Cédex 07 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 53/26, 53/14

(11) WO 2004/094042 (13) A2

(21) PCT/US2004/012009

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/419,004 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NATURAL GAS DEHYDRATOR AND SYSTEM

• DESHYDRATEUR DE GAZ NATUREL ET SYSTEME ASSOCIE

(71, 72) **HEATH, Rodney, T.** [US/US]; P.O. Box 701, Farmington, NM 87499 (US). **HEATH, Forrest, D.** [US/US]; 20683 Laurel Lock, Katy, TX 77450 (US).

(74) **PEACOCK, Deborah, A.**; Peacock, Myers & Adams, P.C., P.O. Box 26927, Albuquerque, NM 87125-6927 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(u) for / pour US only / sèlement

(51)<sup>7</sup> B01D 53/62

(11) WO 2004/094043 (13) A2

(21) PCT/US2004/012254

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,728 23 Apr/avr 2003 US (23.04.2003)

(30) 10/706,583 12 Nov/nov 2003 US (12.11.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CARBONATION OF METAL SILICATES FOR LONG-TERM CO<sub>2</sub> SEQUESTRATION

• CARBONATATION DE SILICATES METALLIQUES POUR LA SEQUESTRATION DE CO<SB>2</SB> A LONG TERME

(71) **UT-BATTELLE, LLC** [US/US]; 111-B Union Valley Road, Oak Ridge, TN 37831 (US).

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(72, 75) **BLENCOE, James, G.** [US/US]; 200 Brashears Road, Harriman, TN 37748 (US). **PALMER, Donald, A.** [US/US]; 754 Poplar Creek Road, Oliver Spring, TN 37840-2810 (US). **ANOVITZ, Lawrence, M.** [US/US]; 519 Farragut Commons Drive, Knoxville, TN 37922 (US). **BEARD, James, S.** [US/US]; 313 Oakdale Street, Martinsville, VA 24112 (US).

(74) **GILLESPIE, Ted, C.**; Macmillan, Sobanski & Todd, LLC, One Maritime Plaza, Fourth Floor, 720 Water Street, Toledo, OH 43604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 53/86, B01J 35/02, 35/04, 37/08, C02F 1/30, 1/72, C04B 41/85

(11) WO 2004/094044 (13) A1

(21) PCT/JP2004/005786

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-118073 23 Apr/avr 2003 JP (23.04.2003)

(30) 2003-305620 29 Aug/août 2003 JP (29.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • THREE-DIMENSIONAL FINE CELL STRUCTURED PHOTOCATALYST FILTER RESPONDING TO VISIBLE LIGHT AND METHOD FOR PRODUCTION THEREOF, AND CLARIFICATION DEVICE

• FILTRE PHOTOCATALYSEUR STRUCTURE A CELLULES FINES TRIDIMENSIONNELLES SENSIBLES A LA LUMIERE VISIBLE, PROCEDE DE PRODUCTION DE CE FILTRE ET DISPOSITIF DE CLARIFICATION

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 1-3-1, Kasumigaseki, Chiyoda-ku, Tokyo 1008921 (JP).

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(72, 75) TANI, EijiKIMURA, Kunio

(74) HARA, Kenzo; Harakenzo World Patent & Trademark Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 5300041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B01D 53/94

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(21) PCT/GB2004/001680

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(25) en (26) en

(30) 0308944.8 17 Apr/avr 2003 GB (17.04.2003)

(30) 0318982.6 13 Aug/août 2003 GB (13.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF DECOMPOSING NITROGEN DIOXIDE

• PROCEDE DE DECOMPOSITION DE DIOXYDE D'AZOTE

(71) JOHNSON MATTHEY PUBLIC LIMITED COMPANY [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).

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(72, 75) POLLINGTON, Stephen, David [GB/GB]; 167 Stridingedge, Blackfell, Washington, Tyne and Wear NE37 1HN (GB). RAJARAM, Raj, Rao [MU/GB]; 34 Buckland Avenue, Slough SL3 7PH (GB). WALKER, Andrew, Peter [GB/GB]; 57 Bramley Avenue, Melbourn, Royston SG8 6HG (GB).

(74) NUNN, Andrew, Dominic; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B01D 63/02

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(21) PCT/CN2004/000393

(22) 23 Apr/avr 2004 (23.04.2004)

(25) zh (26) zh

(30) 03122176.9 23 Apr/avr 2003 CN (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EXTERNAL PRESSURE HOLLOW FIBRE MEMBRANE SEPARATION SYSTEM

• SYSTEME DE SEPARATION PAR MEMBRANE A FIBRES CREUSES A PRESSION EXTERNE

(71) TIANJIN MOTIAN MEMBRANE ENG. & TECH. CO., LTD. [CN/CN]; No. 63, Chenglin Zhuang Road, Hedong District, Tianjin 300160 (CN).

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(72, 75) LU, Xiaolong [CN/CN]; No. 63, Chenglin Zhuang Road, Hedong District, Tianjin 300160 (CN).

(74) LUNG TIN INTERNATIONAL INTELLECTUAL PROPERTY AGENT LTD.; 18th Floor, Tower B, Grand Place, No. 5, Huizhong Road, Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 63/02

(11) WO 2004/094047 (13) A1

(21) PCT/JP2004/005870

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-118951 23 Apr/avr 2003 JP (23.04.2003)

(30) 2003-118950 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BODY FLUID TREATING DEVICE OF HOLLOW FIBER MEMBRANE TYPE

• DISPOSITIF DE TRAITEMENT DES FLUIDES CORPORELS DU TYPE A MEMBRANES EN FIBRES CREUSES

(71) ASAHI MEDICAL CO., LTD. [JP/JP]; 9-1, Kanda Mitoshiro-cho, Chiyoda-ku, Tokyo 101-8482 (JP).

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(72, 75) FUKUDA, Makoto [JP/JP]; 4051-205, Oaza Sano, Oita-shi, Oita 870-0396 (JP). UCHI, Yukihiko [JP/JP]; 140-1-210, Nakamaru, Fuji-shi, Shizuoka 416-0933 (JP). UEZUMI, Satoshi [JP/JP]; 2288-22, Oaza Joharu, Oita-shi, Oita 870-0267 (JP). HIDA, Hidetoshi [JP/JP]; Gureisunibankan 401, 2-8-6, Yokota, Oita-shi, Oita 870-0263 (JP). FUJIMURA, Takayasu [JP/JP]; 134-1-B201, Kawanarijima, Fuji-shi, Shizuoka 416-0939 (JP).

(74) FUJINO, Seiya; Toranomom Nakata Bldg. 4F, 7-7, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B01D 63/08, 61/18, C02F 1/44

(11) WO 2004/094048 (13) A1

(21) PCT/CH2004/000246

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 03405288.6 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEMBRANE-SUPPORTING DEVICE AND MEMBRANE FILTER



- DISPOSITIF DE SUPPORT DE MEMBRANE ET FILTRE A MEMBRANE
- (71) **UTISOL TECHNOLOGIES AG** [CH/CH]; Bahnhofstrasse 21, CH-6304 Zug (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HARMS, Eberhard** [DE/DE]; Neuer Weg 21, 96524 Muppert (DE). **GRIGO, Mark** [DE/DE]; Friedrich-Strasse 15, 59494 Soest (DE).
- (74) **FREI PATENTANWALTSBÜRO AG**; Postfach 524, CH-8029 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B01D 67/00, 69/12, 71/34, 71/56, 71/68**
- (11) **WO 2004/094049** (13) A1
- (21) PCT/US2004/006043
- (22) **27 Feb/fév 2004 (27.02.2004)**
- (25) en (26) en
- (30) 10/404,968 **1 Apr/avr 2003** US (01.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HYDROPHILIC MEMBRANE AND PROCESS FOR MAKING THE SAME
- MEMBRANE HYDROPHILE ET PROCEDE DE FABRICATION DE LADITE MEMBRANE
- (71) **CUNO, INC.** [US/US]; 400 Research Parkway, Meriden, CT 06450 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **MEZHIROV, Michael, S.**; 3800 Madison Avenue, Bridgeport, CT 06606 (US). **YEH, Eshan, B.**; 7 Larchwood West, Unionville, CT 06085 (US).
- (74) **PAYNE, R., Thomas**; Cuno Incorporated, 400 Research Parkway, P.O. Box 1018, Meriden, CT 06450-1018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> **B01F**
- (11) **WO 2004/094050** (13) A2
- (21) PCT/US2004/012673
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 60/464,879 **23 Apr/avr 2003** US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SEQUESTERED REACTIVE MATERIALS
- MATIERES REACTIVES SEQUESTREES
- (71) **THE UNIVERSITY OF AKRON** [US/US]; 302 E. Buchtel Common, Akron, OH 44325 (US).
- (71, 72) **RENEKER, Darrell, H.** [US/US]; 300 Hampshire Road, Akron, OH 44313 (US). **SMITH, Daniel, J.** [US/US]; 2988 Ridgeline Trail, Stow, OH 44224 (US).
- (74) **SCHLUE, Daniel, J.**; Roetzel & Andress, 222 S. Main Street, Akron, OH 44308 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B01F 3/08, 5/04, 13/10, 15/02, 15/04, B67D 5/56**
- (11) **WO 2004/094051** (13) A1
- (21) PCT/US2004/010416
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 10/418,417 **18 Apr/avr 2003** US (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR DILUTING A SUPER-CONCENTRATED DETERGENT IN SITU AT CUSTOMER LOCATIONS
- SYSTEME ET PROCEDE DE DILUTION D'UN DETERGENT SUPERCONCENTRE IN SITU AU NIVEAU DE LOCAUX DE CLIENTS
- (71) **SHELL OIL COMPANY** [US/US]; One Shell Plaza, P.O. Box 2463, Houston, TX 77252-2463 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TORTORICI, Paul, Lee, Jr.** [US/US]; 5401 Chimney Rock, #662, Houston, TX 77081 (US). **DOLL, Michael, Joseph** [US/US]; 3207 Sedgeborough Circle, Katy, TX 77449 (US). **GILES, Steven, Paul** [US/US]; 21937 Rycade School Road, Damon, TX 77430 (US). **RANEY, Kirk, Herbert** [US/US]; 503 Woodcastle Bend,

- Houston, TX 77094 (US). **MILLSPAUGH, Kim, Colson** [US/US]; 2113 Decatur #2, Houston, TX 77007 (US).
- (74) **HAAS, Donald, F.**; Shell Oil Company, One Shell Plaza, Houston, TX 77252-2463 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> **B01F 13/08, 13/00, B01L 3/00, B01F 11/00**
- (11) **WO 2004/094052** (13) A1
- (21) PCT/FR2004/000657
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) fr (26) fr
- (30) 03/04070 **1 Apr/avr 2003** FR (01.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MICROFLUIDIC DEVICE COMPRISING A MAGNETIC MEMBRANE FOR OSCILLATING UNDER THE ACTION OF A MAGNETIC FIELD
- DISPOSITIF MICROFLUIDIQUE COMPORTANT UNE MEMBRANE MAGNETIQUE DESTINEE A OSCILLER SOUS L'ACTION D'UN CHAMP MAGNETIQUE
- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BERTHIER, Jean** [FR/FR]; 8, Les Florentines, F-38240 Meylan (FR). **RI-COUL, Florence** [FR/FR]; Lieu-dit Charrière, F-38950 Quaix-En-Chartreuse (FR).
- (74) **HECKE, Gérard et al.** / etc.; Cabinet Hecke, WTC Europeole, 5 Place Robert Schuman, Boîte postale 1537, F-38025 Grenoble Cédex 1 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> B01F 15/00, G05D 11/02  
 (11) WO 2004/094053 (13) A1  
 (21) PCT/JP2004/005051  
 (22) 7 Apr/avr 2004 (07.04.2004)  
 (25) ja (26) ja  
 (30) 2003-103503 7 Apr/avr 2003 JP  
 (07.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • FLUID MIXER  
 • MELANGEUR DE FLUIDES
- (71) ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD. [JP/JP]; 5955, Nakanose-cho 2-chome, Nobeoka-city, Miyazaki 8820032 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KAMIMURA, Shinobu [JP/JP]; c/o ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD., 5955, Nakanose-cho 2-chome, Nobeoka-city, Miyazaki 8828688 (JP). YOSHINO, Kenro [JP/JP]; c/o ASAHI ORGANIC CHEMICALS INDUSTRY CO., LTD., 5955, Nakanose-cho 2-chome, Nobeoka-city, Miyazaki 8828688 (JP).
- (74) ETO, Akira; Koyo Building 2nd Floor, 1-23, Asahi 1-chome, Miyazaki-city, Miyazaki 8800803 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01J  
 (11) WO 2004/094055 (13) A2  
 (21) PCT/US2004/010151  
 (22) 1 Apr/avr 2004 (01.04.2004)  
 (25) en (26) en  
 (30) 10/421,468 23 Apr/avr 2003 US  
 (23.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • ETHYLENE OXIDE CATALYST  
 • CATALYSEUR D'OXYDE D'ÉTHYLENE
- (71) SCIENTIFIC DESIGN COMPANY, INC. [US/US]; 49 Industrial Avenue, Little Ferry, NJ 07643 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) RIZKALLA, Nabil [US/US]; 415 Faletti Circle, Riverdale, NJ 07675 (US).
- (74) LONG, William, C.; 118 Washington Street, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01J  
 (11) WO 2004/094054 (13) A2  
 (21) PCT/US2004/010023  
 (22) 1 Apr/avr 2004 (01.04.2004)  
 (25) en (26) en  
 (30) 10/421,208 23 Apr/avr 2003 US  
 (23.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • ETHYLENE OXIDE CATALYST  
 • CATALYSEUR À OXYDE D'ÉTHYLENE
- (71) SCIENTIFIC DESIGN COMPANY, INC. [US/US]; 49 Industrial Avenue, Little Ferry, New Jersey 07643 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RIZKALLA, Nabil [US/US]; 415 Faletti Circle, Riverdale, New Jersey 07675 (US).
- (74) LONG, William, C.; 118 Washington Street, Morristown, 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B01J 2/10  
 (11) WO 2004/094056 (13) A1  
 (21) PCT/IB2004/050504  
 (22) 23 Apr/avr 2004 (23.04.2004)  
 (25) en (26) en  
 (30) 2003/3133 23 Apr/avr 2003 ZA  
 (23.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • DENSIFYING OF A BULK PARTICULATE MATERIAL  
 • DENSIFICATION D'UN PRODUIT PARTICULAIRE EN VRAC
- (71, 72) RUSSEL-SMITH, Kevan, Vaughan [ZA/ZA]; 28 Gemini Street, Sundowner, 2161 Johannesburg (ZA).
- (74) VAN DER WALT, Louis, Stephanus; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, P.O. Box 1014, Hatfield, 0001 Pretoria (ZA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51) B01J 3/00, C21D 9/50, F27B 5/04, F27D 7/06  
 (11) WO 2004/094057 (13) A1  
 (21) PCT/SE2004/000624  
 (22) 22 Apr/avr 2004 (22.04.2004)  
 (25) sv (26) en  
 (30) 0301192-1 23 Apr/avr 2003 SE  
 (23.04.2003)  
 (30) 60/464,653 23 Apr/avr 2003 US  
 (23.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • METHOD AND DEVICE FOR INHIBITING CONTAMINATION OF A WORKPIECE  
 • PROCEDE ET DISPOSITIF PERMETTANT D'INHIBER LA CONTAMINATION D'UNE PIECE A TRAVAILLER
- (71) VOLVO AERO CORPORATION [SE/SE]; S-461 81 Trollhättan (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LINDQVIST, Joachim [SE/SE]; Kallebäcksvägen 13A, S-412 75 Göteborg (SE). LUNDSTRÖM, Dennis [SE/SE]; Mejerigatan 2, Igh.351, S-412 76 Göteborg (SE).
- (74) FRÖHLING, Werner; Volvo Technology Corporation, Corporate Patents, 06820, M1.7, S-405 08 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declaration / Déclaration :  
 (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> B01J 27/04, C11C 3/10, C07C 67/03, 67/08, 69/52, 69/24  
 (11) WO 2004/094058 (13) A1  
 (21) PCT/JP2004/005720  
 (22) 21 Apr/avr 2004 (21.04.2004)  
 (25) ja (26) ja

(30) 2003-117891 **23 Apr/avr 2003** JP  
(**23.04.2003**)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **SOLID ACID CATALYST CONTAINING TIN AND METHOD FOR PREPARATION THEREOF**

• **CATALYSEUR ACIDE SOLIDE RENFERMANT DE L'ETAIN ET PROCEDE D'ELABORATION**

(71) **JAPAN ENERGY CORPORATION** [JP/JP]; 10-1, Toranomon 2-chome, Minato-ku, Tokyo, 1050001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FURUTA, Satoshi** [JP/JP]; c/o Japan Energy Corporation, 17-35, Niizo Minami 3-chome, Toda-shi, Saitama, 3350026 (JP).

(74) **SAKAI, Masami** et al. / etc.; Akasaka Office Heights, 13-5, Akasaka 4-chome, Minato-ku, Tokyo, 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B01L 3/00, B01J 19/00, C12Q 1/68**

(11) **WO 2004/094059** (13) A1

(21) PCT/DE2004/000510

(22) **13 Mar/mar 2004 (13.03.2004)**

(25) de (26) de

(30) 103 18 139.3 **18 Apr/avr 2003** DE  
(**18.04.2003**)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **SELF-CONFIGURING BIOCHIP**

• **BIOPUCE A CONFIGURATION AUTOMATIQUE**

(71) **PRODESIGN GESELLSCHAFT FÜR PRODUKTENTWICKLUNG MBH** [DE/DE]; Hüttengasse 41b, 69253 Heiligkreuzsteinach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEIBERT, Friedemann** [DE/DE]; Hauptstrasse 2, 66484 Winterbach (DE). **WEINBERG, Oliver** [DE/DE]; Ringmauerweg 23, 69250 Schönau (DE).

(74) **RUDOLPH, Ulrike**; In der Schanz 10, 69198 Schriesheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B01L 3/00, C12M 1/32, 1/20 // 3/00**

(11) **WO 2004/094060** (13) A1

(21) PCT/FI2004/050050

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) fi (26) en

(30) 20030609 **22 Apr/avr 2003** FI  
(**22.04.2003**)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **ANALYSIS AND CULTURE APPARATUS**

• **APPAREIL D'ANALYSE ET DE MISE EN CULTURE**

(71) **CHIP-MAN TECHNOLOGIES OY** [FI/FI]; Vintilantie 3, FI-37130 Nokia (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KORPINEN, Juha** [FI/FI]; Vintilantie 3, FI-37130 Nokia (FI). **VIITANEN, Jouko** [FI/FI]; Lindforsinkatu 19 A 26, FI-33720 Tampere (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiakatu 12 B, FI-33720 Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> **B02C 4/20**

(11) **WO 2004/094061** (13) A1

(21) PCT/GB2004/001652

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 0308933.1 **17 Apr/avr 2003** GB  
(**17.04.2003**)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **BREAKER BAR**

• **BARRE DE BROYAGE**

(71) **MMD DESIGN & CONSULTANCY LIMITED** [GB/GB]; Cotes Park Lane, Cotes Park Industrial Estate, Somercotes, Derbyshire DE55 4NJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POTTS, Alan** [GB/GB]; MMD Design & Consultancy Limited, Cotes Park Lane, Cotes Park Industrial Estate, Somercotes, Derbyshire DE55 4NJ (GB).

(74) **DEALTRY, Brian**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B02C 18/18, 18/22, B27C 1/00**

(11) **WO 2004/094062** (13) A1

(21) PCT/FI2004/050024

(22) **8 Mar/mar 2004 (08.03.2004)**

(25) en (26) en

(30) 20035051 **24 Apr/avr 2003** FI  
(**24.04.2003**)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **CHIPPER BED KNIFE**

• **COUTEAU FIXE DE DECHIQUETUSE**

(71) **ANDRITZ OY** [FI/FI]; Tammasaarenkatu 1, FI-00180 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OLOFSSON, Anders** [SE/SE]; Slättervägen 26, S-89242 Domsjö (SE).

(74) **LEITZINGER OY**; Tammasaarenkatu 1, FI-00180 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **B02C 18/42**

(11) **WO 2004/094063** (13) A1

(21) PCT/US2004/007097

(22) **9 Mar/mar 2004 (09.03.2004)**

(25) en (26) en

(30) 10/404,581 **1 Apr/avr 2003** US  
(**01.04.2003**)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **OVER-MOLDED VIBRATION ISOLATION GASKET FOR MOUNTING FOOD WASTE DISPOSER TO SINK**

- JOINT ANTIVIBRATOIRE SURMOULE DE MONTAGE D'UN BROUYEUR SOUS UN EVIER

(71) **EMERSON ELECTRIC CO.** [US/US]; 8000 W. Florissant Ave., St. Louis, MO 63136 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **BERGER, Thomas, R.**; 6530 Lyra Lane, Racine, WI 53406 (US). **JARA-ALMONTE, Cynthia, C.**; 3421, 17th Street, Kenosha, WI 53144 (US).

(74) **PHILLIPS, Jeffrey, J.**; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B02C 19/06, 18/44, B29B 17/00

(11) WO 2004/094064 (13) A1

(21) PCT/KR2004/000896

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10-2003-0025055 21 Apr/avr 2003 KR (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULLER

- MEULE

(71) **SHIN SUNG IND. CO., LTD.** [KR/KR]; 303-1, 3-ba, Sihwa Gongdan, Jeong-wang-dong, Siheung City, Kyeongki-do 429-450 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **LEE, Kwang-Jae** [KR/KR]; 116-2101, Hyundai Apartment, 481, Gaebong-dong, Guro-ku, Seoul 152-090 (KR).

(74) **AN, Kook-Chan**; Hannuri Bldg., 219, Naeja-dong, Chongno-gu, Seoul 110-053 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B03C 3/01, 3/38

(11) WO 2004/094065 (13) A1

(21) PCT/FI2004/050043

(22) 21 Apr/avr 2004 (21.04.2004)

(25) fi (26) en

(30) 20030603 22 Apr/avr 2003 FI (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD FOR INTENSIFYING ELECTRICAL PARTICLE FILTERING

- PROCEDE PERMETTANT D'INTENSIFIER LE FILTRAGE ELECTRIQUE DE PARTICULES

(71, 72) **JANKA, Kauko** [FI/FI]; Maisterinkatu 12, FIN-33720 Tampere (FI). **KESKINEN, Jorma** [FI/FI]; Köynnöskatu 1 A, FIN-33270 Tampere (FI). **LAITINEN, Ari** [FI/FI]; Rusthollinkatu 15 E 18, FIN-33610 Tampere (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 12 B, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B04B 1/20, F16H 61/42

(11) WO 2004/094066 (13) A1

(21) PCT/EP2003/004147

(22) 22 Apr/avr 2003 (22.04.2003)

(25) de (26) de

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CENTRIFUGE COMPRISING HYDRAULIC DIFFERENTIAL SPEED DETERMINATION

- CENTRIFUGEUSE COMPORTANT UN SYSTEME HYDRAULIQUE DE DETERMINATION DE LA VITESSE DE ROTATION DIFFERENTIELLE

(71) **VISCOTHERM AG** [CH/CH]; Neuhaus, CH-8132 Hinteregg-Zürich (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUNNINGHAM, Sinclair, Upton** [GB/GB]; West Brindge Mill, Bridge Street, Kirkcaldy KY11TE (GB). **FORSTER, Peter** [CH/CH]; Volkmarstrasse 6, CH-8006 Zürich (CH).

(74) **KASTEL, Stefan et al.** / etc.; Wissmannstr. 14, 81929 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B05B

(11) WO 2004/094067 (13) A2

(21) PCT/US2004/011819

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,761 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AUTOMATED CLEANSING SPRAYER HAVING SEPARATE CLEANSER AND AIR VENT PATHS FROM BOTTLE

- PULVERISATEUR AUTOMATIQUE DE NETTOYANT DOTE DE PASSAGES SEPARÉS POUR LE NETTOYANT ET L'ÉVACUATION DE L'AIR HORS DE LA BOUTEILLE

(71) **S. C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, Wisconsin 53403 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAZOOJI, Amber, N. D.** [US/US]; 4305 Erie Street, Apt. 507, Racine, Wisconsin 53402 (US). **KOVARA, Terry, M.** [US/US]; 5210 Lilac Lane, Racine, Wisconsin 53406 (US). **NEUMANN, Peter, M.** [US/US]; 2038 N. Green Bay Road, Racine, Wisconsin 53405 (US). **LEIFHEIT, David, H.** [US/US]; 1840 Brandon Lane, Racine, Wisconsin 53406 (US). **ALLEN, Michael, W.** [US/US]; 7607 Hungary Woods Terrace, Glen Allen, Virginia 23060 (US). **BLANKENSHIP, Paul, M.** [US/US]; 4925 Shady Grove Road, Glen Allen, Virginia 23059 (US). **PILLION, Lawrence, M.** [US/US]; 10517 Farm Meadow Drive, Glen Allen, Virginia 23060 (US).

(74) **MEIER, Linda, Blair**; S. C. JOHNSON & SON, INC., 1525 Howe Street, Racine, Wisconsin 53403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B05B 1/00

(11) WO 2004/094068 (13) A2

(21) PCT/EP2004/004243

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0309354.9 24 Apr/avr 2003 GB  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOZZLE FOR A NASAL INHALER  
• EMBOUT POUR INHALATEUR NA-  
SAL

(71) GLAXO GROUP LIMITED [GB/GB];  
Glaxo Wellcome House, Berkeley Avenue,  
Greenford, Middlesex UB6 0NN (GB).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MORRISON, Robin, Law [GB/GB];  
GlaxoSmithKline, Harmire Road, Barnard  
Castle, Durham DL12 8DT (GB).

(74) RICE, Jason, Neale; GlaxoSmithKline,  
Corporate Intellectual Property, 980 Great  
West Road, Brentford, Middlesex TW8 9GS  
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B05B 1/04, 1/02

(11) WO 2004/094069 (13) A1

(21) PCT/US2004/003323

(22) 5 Feb/fév 2004 (05.02.2004)

(25) en (26) en

(30) 60/320,103 11 Apr/avr 2003 US  
(11.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AIRLESS SPRAY NOZZLE  
• BUSE DE PULVERISATION SANS AIR

(71) NORDSON CORPORATION [US/US];  
28601 Clemens Road, Westlake, Ohio 44145  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KOSOVICH, Deborah [US/US]; 1009  
Scituate Ct., Grafton, Ohio 44044 (US).

(74) MCKNIGHT, Douglas B.; CALFEE, HAL-  
TER & GRISWOLD LLP, 800 Superior  
Avenue, Suite 1400, Cleveland, Ohio 44114  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B05B 1/30

(11) WO 2004/094070 (13) A1

(21) PCT/US2004/005976

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 60/320,111 15 Apr/avr 2003 US  
(15.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIQUID SPRAY GUN  
• PISTOLET PULVERISATEUR DE LI-  
QUIDE

(71) NORDSON CORPORATION [US/US];  
28601 Clemens Road, Westlake, OH 44145  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WARYU, Joseph, C. [US/US]; 916  
Princeton Avenue, Amherst, OH 44001 (US).

(74) MCKNIGHT, Douglas, B.; Calfee, Halter  
& Griswold LLP, 800 Superior Avenue, Suite  
1400, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B05B 5/025, 5/00

(11) WO 2004/094071 (13) A1

(21) PCT/US2004/012566

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/420,142 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIQUID DISPERSION DEVICE  
• DISPOSITIF DE DISPERSION DE LI-  
QUIDE

(71) E.I. DUPONT DE NEMOURS AND  
COMPANY [US/US]; 1007 MARKET  
STREET, WILMINGTON, Delaware 19898  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MCEWEN, Charles, Nehemiah  
[US/US]; 28 Tenby Chase Drive, Newark,  
Delaware 19711 (US). HERRON, William,  
James [US/US]; 225 University Drive,  
Newark, Delaware 19713 (US). MCKAY,  
Richard, G. [US/US]; 421 Stella Drive,  
Hockessin, Delaware 19707 (US).

(74) SHAY, Lucas, K.; E. I. DU PONT DE  
NEMOURS AND COMPANY, LEGAL  
PATENT RECORDS CENTER, 4417 Lan-  
caster Pike, Wilmington, Delaware 19805  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B05B 7/24

(11) WO 2004/094072 (13) A1

(21) PCT/US2004/007860

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 0307902.7 5 Apr/avr 2003 GB  
(05.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SPRAY GUN WITH ROTATABLE  
RESERVOIR  
• PISTOLET DE PULVERISATION A RE-  
SERVOIR ROTATIF

(71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3M Center, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) JOSEPH, Stephen, C., P. [GB/US];  
Post Office Box 33427, Saint Paul, MN  
55133-3427 (US). SILTBERG, Daniel, E.

[US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) LITTLE, Douglas, B. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B05C 5/02

(11) WO 2004/094073 (13) A1

(21) PCT/US2004/012113

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 03008995.7 17 Apr/avr 2003 EP (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD AND APPARATUS FOR APPLYING COATINGS, FOR INSTANTANCE FOR SANITARY PRODUCTS  
• PROCEDE ET APPAREIL POUR APPLIQUER DES REVETEMENTS, PAR EXEMPLE SUR DES PRODUITS SANITAIRES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) D'ALELIO, Nicola [IT/IT]; Via verso Tollo, 116, Canosa Sannita, I-66010 Chieti (IT).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B05C 17/02, B29C 63/08

(11) WO 2004/094074 (13) A1

(21) PCT/EP2004/004185

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 103 18 680.8 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COVER MADE OF WOVEN PILE  
• STRUCTURE DE RECOUVREMENT CONSTITUEE DE PELUCHE TISSEE

(71, 72) KOHLRUSS, Gregor [DE/DE]; Zur Rampe 5, 46414 Rhede (DE). WIESNER, Hubert [DE/DE]; Grüner Weg 21, 46354 Süddahn (DE). GRIEBE, Oliver [DE/DE]; Mühlenweg 22, 46414 Rhede (DE).

(74) SCHNEIDERS & BEHRENDT; Rechts- und Patentanwälte, Huestr. 23, 44787 Bochum (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B05D 5/06, A61L 2/00

(11) WO 2004/094075 (13) A1

(21) PCT/US2004/011513

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/414,880 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANTIMICROBIAL COATINGS FOR OPHTHALMIC DEVICES  
• REVETEMENTS ANTIMICROBIENS POUR DISPOSITIFS OPHTALMIQUES

(71) JOHNSON & JOHNSON VISION CARE, INC., [US/US]; PO Box 1222, New Brunswick, NJ 08903 (US).

(74) MARYELLEN, Feehery; Reed Smith LLP, 1650 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B07B

(11) WO 2004/094076 (13) A2

(21) PCT/US2004/011719

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/421,042 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • UNDULATING MOLDED PLASTIC VIBRATORY SCREEN  
• CRIBLE VIBRANT EN PLASTIQUE MOULÉ ONDULÉ

(71) DERRICK MANUFACTURING CORPORATION [US/US]; 590 Duke Road, Buffalo, NY 14225 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIPA, Anthony, James [US/US]; 262 Presidio Place, Williamsville, NY 14221 (US).

(74) GASTEL, Joseph, P.; Suite 722, 295 Main Street, Buffalo, NY 14203-2507 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B07C 3/00, 3/18

(11) WO 2004/094077 (13) A1

(21) PCT/EP2004/005182

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03/05001 23 Apr/avr 2003 FR (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN INSTALLATION AND A METHOD FOR PROCESSING PRINTED PAPERS  
• INSTALLATION ET PROCEDE DE TRAITEMENT DE PAPIERS IMPRIMES

(71) FRANCE ROUTAGE [FR/FR]; 6, rue Ambroise Croizat, F-77183 Croissy Beaubourg (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOST, Pierre [FR/FR]; Ferme de Muravaux, F-55160 Mont Villers (FR).

(74) BURBAUD, Eric et al. / etc.; Cabinet Plasseraud, 65/67 Rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B08B 1/04, 3/04

(11) WO 2004/094078 (13) A1

(21) PCT/AT2004/000137

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) A 619/03 23 Apr/avr 2003 AT (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CLEANING SYSTEM FOR CLEANING THE OUTER SKIN OF AIRCRAFT

• SYSTEME DE NETTOYAGE POUR NETTOYER LE REVETEMENT EXTERIEUR D'UN AVION

(71) EBERL, Magdalena, Monica [AT/AT]; Am Sandhügel 2, A-6370 Kitzbühel (AT).

(72) EBERL, Jan, Dieter; Am Sandhügel, A-6370 Kitzbühel (AT).

(74) RIPPEL, Andreas, Oskar et al. / etc.; Maxingstrasse 34, A-1130 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B08B 3/00, 3/10

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(21) PCT/US2004/005673

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 10/412,068 10 Apr/avr 2003 US (10.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PARTS WASHER WITH IMPROVED TEMPERATURE AND PUMP CONTROL

• MACHINE A LAVER DES PIECES A MEILLEUR CONTROLE DE TEMPERATURE ET DE POMPE

(71) SAFETY-KLEEN SYSTEMS INC. [US/US]; Cluster II, Building 3, 5400 Legacy Drive, Plano, Texas 75024 (US).

(72) PUBL, Rudy; 1887 Deere Lane, Glendale Heights, Illinois 60139 (US). PORTER, Brian; 4311 DuBois Blvd., Brookfield, Illinois 60513 (US). KORKOWSKI, Michael; 42153 Lakeview Drive, Antioch, Illinois 60002 (US). KNILL, Don; 1840 Natures Court, Lindenhurst, Illinois 60046 (US).

(74) BUFALINO, Angelo; Vedder Price Kaufman & Kammholz, 222 N. LaSalle Street, Chicago, Illinois 60601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B08B 9/23, 3/00, 1/00, A61L 2/18, C11D 3/48, 3/386

(11) WO 2004/094080 (13) A1

(21) PCT/AU2004/000404

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 2003901917 22 Apr/avr 2003 AU (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ENDOSCOPE CLEANING PAD

• TAMPON NETTOYEUR POUR ENDOSCOPE

(71) NOVAPHARM RESEARCH (AUSTRALIA) PTY LTD [AU/AU]; 3-11 Primrose Avenue, Rosebery, NSW 2018 (AU).

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(72, 75) KRITZLER, Steven [AU/AU]; 9 Redgum Avenue, Cronulla, NSW 2230 (AU).

(74) SHELSTON IP; 60 Margaret Street, Sydney NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B09B 3/00

(11) WO 2004/094081 (13) A2

(21) PCT/US2004/011762

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,832 16 Apr/avr 2003 US (16.04.2003)

(30) 10/826,122 15 Apr/avr 2004 US (15.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POLYMERIC STABILIZATION COMPOSITION AND METHOD

• COMPOSITION ET PROCÉDE DE STABILISATION POLYMERIQUE

(71) RANTEC CORPORATION [US/US]; 17 Kukuchka Lane, Ranchester, WY 82839 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARSDEN, Lloyd [US/US]; 3 Airway Place, Sheridan, WY 82801 (US).

(74) BRUESS, Steven, C.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B21B

(11) WO 2004/094082 (13) A2

(21) PCT/US2004/002640

(22) 29 Jan/jan 2004 (29.01.2004)

(25) en (26) en

(30) 10/408,732 7 Apr/avr 2003 US (07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF REMOVING SCALE AND INHIBITING OXIDATION IN PROCESSED SHEET METAL

• PROCÉDE D'ÉLIMINATION DE LA COUCHE D'OXYDE ET D'INHIBITION DE L'OXYDATION SUR UNE FEUILLE MÉTALLIQUE TRAITÉE

(71) THE MATERIAL WORKS, LTD. [US/US]; 101 South Main Street, Red Bud, IL 62278 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) VOGES, Kevin; 11105 Obst Road, Red Bud, IL 62278 (US).

(74) POLCYN, Thomas, A.; Thompson Coburn LLP, One US Bank Plaza, St. Louis, MO 63101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B21D 22/16

(11) WO 2004/094083 (13) A2

(21) PCT/DE2004/000840

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 18 178.4 22 Apr/avr 2003 DE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PRODUCING A CUP-SHAPED ANNULAR PART HAVING AN INNER TOOTHING

• PROCEDE DE PRODUCTION D'UNE PIECE ANNULAIRE EN FORME DE CUVETTE PRESENTANT UNE DENTURE INTERIEURE

(71) NEUMAYER HOLDING GMBH [DE/DE]; Wilhelm-Zangen-Strasse 9, 77756 Hausach (DE).

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(72, 75) VOGEL, Manfred [DE/DE]; Bernhardshöfe 113, 77876 Kappelrodeck (DE).

(74) HAFT, VON PUTTKAMER, BERNGRUBER, KARAKATSANIS; Franziskanerstrasse 38, 81669 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B21D 24/02, F16F 9/06, 9/32

(11) WO 2004/094084 (13) A1

(21) PCT/US2004/011687

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/417,648 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CUSHION ASSEMBLY AND METHOD  
• ENSEMBLE AMORTISSEUR ET PROCEDE ASSOCIE

(71) BARNES GROUP INC. [US/US]; 123 Main Street, Bristol, CT 06010 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) REILLY, Steven, J.; 3102 Columbia Road, Westlake, OH 44145 (US). SANCHEZ, Michael, V.; 1037 Kevin Drive, Akron, OH 44313 (US).

(74) HAAS, Steven, M.; Fay, Sharpe, Fagan, Minnich & McKee, LLP, 1100 Superior Avenue, Seventh Floor, Cleveland, OH 44114-2579 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B21D 26/02

(11) WO 2004/094085 (13) A1

(21) PCT/GB2004/001674

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308881.2 16 Apr/avr 2003 GB (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF PRODUCING COMPLEX FORMS IN METAL FOILS WITH NO ENVIRONMENTAL IMPACT

• PROCEDE DE PRODUCTION DE FORMES COMPLEXES EN FEUILLES METALLIQUES SANS INCIDENCE SUR L'ENVIRONNEMENT

(71, 72) RODRIGUEZ, Roy [GB/GB]; The Rowans, Zeal Monachorum, Crediton, Devon EX17 6DG (GB). BAKER, Dominic [GB/FR]; Les Cornettes, F-42220 La Varsanne (FR).

(74) MERRIFIELD, Sarah, Elizabeth et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B21D 51/32, 51/26, 43/14, B65B 7/28

(11) WO 2004/094086 (13) A1

(21) PCT/US2004/006099

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 10/410,499 7 Apr/avr 2003 US (07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTAINER SEAMING ASSEMBLY  
• SERTISSEUSE DE BOITES

(71) FMC TECHNOLOGIES INC. [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARREIN, Jos [BE/BE]; Broekstraat 47, B-2880 Bornem (BE). GIBBS, Raymond, J. [GB/BE]; Prinsenstraat 79, B-9190 Stekene (BE).

(74) LEEK, Shoko, I.; Christensen O'Connor Johnson & Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B22D 11/128

(11) WO 2004/094087 (13) A1

(21) PCT/EP2004/003770

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) A 615/2003 23 Apr/avr 2003 AT (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STRAND-GUIDING ROLLER  
• GALET DE GUIDAGE DE BARRE

(71) VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH & CO [AT/AT]; Turmstrasse 44, A-4031 Linz (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUTTENBRUNNER, Josef [AT/AT]; Alte Weinstrasse 1, A-4522 Sierning (AT). STARRERMAIR, Thomas [AT/AT]; Kerschberg 18, A-4407 Dietach (AT). DEIBL, Günther [AT/AT]; Richterstrasse 36, A-4060 Leonding (AT).



(74) VA **TECH PATENTE GMBH & CO**; Stahlstrasse 21a, A-4031 Linz (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B22D 46/00, 25/04, 5/02

(11) WO 2004/094088 (13) A1

(21) PCT/FI2004/000243

(22) 21 Apr/avr 2004 (21.04.2004)

(25) fi (26) en

(30) 20030613 23 Apr/avr 2003 FI (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND ARRANGEMENT FOR CONTROLLING ANODES  
• PROCEDE ET DISPOSITIF DE TRAITEMENT D'ANODES

(71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FI-02200 Espoo (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUMPIO, Juha** [FI/FI]; Tammipää 9 D 9, FI-02730 Espoo (FI). **HILTUNEN, Aleks** [FI/FI]; Maiminkitie 4 B 16, FI-02320 Espoo (FI). **HUJU, Kalle** [FI/FI]; Lansankallionkuja 4 C 16, FI-02630 Espoo (FI). **MYL-LYMÄKI, Kristian** [FI/FI]; Nissnikuntie 1 F 20, FI-02430 Masala (FI).

(74) **OUTOKUMPU OYJ INTELLECTUAL PROPERTY MANAGEMENT**; P.O.Box 27, FI-02201 Espoo (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> B22F 3/105, B29C 67/00, B22F 1/00, C22C 33/02

(11) WO 2004/094089 (13) A1

(21) PCT/US2004/004974

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 10/394,312 19 Mar/mar 2003 US (19.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METAL POWDER COMPOSITION FOR LASER SINTERING

• COMPOSITION DE POUDRE METALLIQUE POUR FRITTAGE LASER

(71) **3D SYSTEMS INC** [US/US]; 26081 Avenue Hall, Valencia, CA 91355 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEVING, Brad** [US/US]; 25011 Walnut Street, Apt. C, Newhall, CA 91321 (US). **SCHMIDT, Kris** [US/US]; 10354 Danube Avenue, Granada Hills, CA 91344 (US). **NEWELL, Ken** [US/US]; 25876 The Old Road #33, Valencia, CA 91381 (US).

(74) **D'ALESSANDRO, Ralph**; 26081 Avenue Hall, Valencia, CA 91355 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations  
(u) for / pour US only / seulement

(51)<sup>7</sup> B22F 9/04

(11) WO 2004/094090 (13) A1

(21) PCT/JP2004/005731

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-117134 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PRODUCING RARE EARTH BASED ALLOY POWDER AND METHOD FOR PRODUCING RARE EARTH BASED SINTERED MAGNET

• PROCEDE D'ELABORATION DE POUDRE D'ALLIAGE A BASE DE TERRES RARES, ET PROCEDE D'ELABORATION D'AIMANT FRITTE A BASE DE TERRES RARES

(71) **NEOMAX CO. LTD.** [JP/JP]; 7-19, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ODAKA, Tomoori** [JP/JP]; 1-10-16, Mitsukeyama, Ibaraki-shi, Osaka, 5670035 (JP). **KANEKO, Yuji** [JP/JP]; 39-207, Kohata Okurayama, Uji-shi, Kyoto, 6110002 (JP).

(74) **OKUDA, Seiji**; OKUDA & ASSOCIATES 2nd Floor, Kataoka Bldg. 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B23B 27/08

(11) WO 2004/094091 (13) A1

(21) PCT/CH2004/000233

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03405279.5 22 Apr/avr 2003 EP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CUTTING TOOL WITH INSERTED TIP  
• OUTIL DE COUPE A PLAQUETTE RAPPORTEE

(71) **APPLITEC MOUTIER SA** [CH/CH]; 2, Ch. Nicolas-Junker, CH-2740 Moutier (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHAMPION, François** [CH/CH]; Rue de l'Hôtel-de-Ville 14, CH-2740 Moutier (CH). **SCHALLER, Vincent** [CH/CH]; Clos la Chapelle 30L, CH-2742 Perrefitte (CH).

(74) **G L N**; Gresset & Laesser Neuchâtel, Puits-Godet 8A, CH-2000 Neuchâtel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> B23C 5/22

(11) WO 2004/094092 (13) A1

(21) PCT/US2004/006377

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/414,358 15 Apr/avr 2003 US  
(15.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANTIROTATION TOOL HOLDER AND  
CUTTING INSERT

• PORTE-OUTIL ANTIROTATION ET  
PLAQUETTE COUPANTE

(71) TDY INDUSTRIES, INC. [US/US]; 1000  
Six PPG Place, Pittsburgh, PA 15222 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DUFOUR, Jean-Luc [FR/US]; 103  
Niblick Court, Franklin, TN 37064 (US).  
FANG, X., Daniel [AU/US]; 509 Hodges  
Court, Franklin, TN 37067 (US). WILLS,  
David, J. [GB/US]; 9051 Fallswood Lane,  
Brentwood, TN 37027 (US).

(74) VICCARO, Patrick, J. et al. / etc.; Al-  
legheny Technologies Incorporated, 1000 Six  
PPG Place, Pittsburgh, PA 15222-5479 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B23F

(11) WO 2004/094093 (13) A2

(21) PCT/US2004/012616

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/421,619 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOAD SHARING GEAR FOR HIGH  
TORQUE, SPLIT-PATH TRANSMIS-  
SIONS

• ENGRENAGE DE REPARTITION DE  
CHARGE POUR COUPLE ELEVE,  
TRANSMISSIONS A VOIES FRAC-  
TIONNEES

(71) SIKORSKY AIRCRAFT CORPORA-  
TION [US/US]; Legal-IP Department, M/S  
S316A, 6900 Main Street, P.O. Box 9729,  
Stratford, CT 06615-9129 (US).

(72) GMIRYA, Yuriy; 28 Rice Road, Wood-  
bridge, CT 06525 (US). VINAYAK, Harsh;

115 Bradley Avenue, Meriden, CT 06451  
(US).

(74) PASULKA, Matthew, P.; Sikorsky Air-  
craft Corporation, Legal-IP Dept., Mailstop  
S316A, 6900 Main Street, P.O. Box 9729,  
Stratford, CT 06615-9129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B23G 7/00, 5/18 // 1/34

(11) WO 2004/094094 (13) A1

(21) PCT/EP2004/004150

(22) 19 Apr/avr 2004 (19.04.2004)

(25) de (26) de

(30) 103 18 203.9 22 Apr/avr 2003 DE  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD, TOOL AND DEVICE FOR  
THE PRODUCTION OF THREADS

• PROCEDE, OUTIL ET DISPOSITIF  
POUR LA REALISATION DE TARAU-  
DAGES

(71) GÜHRING, Jörg [DE/DE]; Franz-Schu-  
bert-Str. 18, 72458 Albstadt (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MANN, Jürgen [DE/DE]; Gräbeles-  
bergstr. 3, 72459 Albstadt-Laufen (DE).

(74) WINTER BRANDL FÜRNISS HÜBNER  
RÖSS KAISER POLTE-PARTNER-  
SCHAFT-; Bavariaring 10, 80336 München  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B23K 20/10

(11) WO 2004/094095 (13) A1

(21) PCT/JP2004/005728

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 2003-118278 23 Apr/avr 2003 JP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BONDING DEVICE AND BONDING  
TOOL

• DISPOSITIF ET OUTIL DE SOUDAGE

(71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO. LTD. [JP/JP]; 1006 Oaza  
Kadoma Kadoma-shi Osaka, 5718501 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HIZUKURI, Masafumi TAKAHASHI,  
Seiji

(74) OGURI, Shohei et al. / etc.; Eikoh Patent  
Office 13th Floor ARK Mori Building,  
12-32 Akasaka 1-chome, Minato-ku, Tokyo,  
1076013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B23K 26/14, 26/14, A61F 2/06, B26F 1/26,  
3/00

(11) WO 2004/094096 (13) A1

(21) PCT/US2004/010674

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/418,253 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM COMBINING LASER CUT-  
TER AND CLEANER FLUID JET

• SYSTEME COMBINANT UN DISPOSI-  
TIF DE DECOUPAGE AU LASER ET  
UN JET DE LIQUIDE DE NETTOYAGE

(71) SCIMED LIFE SYSTEMS, INC. [US/US];  
One Scimed Place, Maple Grove, MN 55311  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MESSAL, Todd [US/US]; 3025 CASCO  
POINT ROAD, ORONO, MN 55391  
(US). MERDAN, Kenneth [US/US]; 8627  
GRACE LANE, GREENFIELD, MN 55357  
(US). SHAPOVALOV, Vitaly [US/US];  
4409 AQUILA AVENUE NORTH, NEW  
HOPE, MN 55428 (US). GILBERT, David  
[US/US]; 420 FORD ROAD, APT. 225, ST.  
LOUIS PARK, MN 55426 (US).

(74) SEAGER, Glenn, M.; Crompton Seager &  
Tuft LLC, 1221 Nicolle Avenue, Suite 800,  
Minneapolis, MN 55403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B23K 35/26, C22C 13/00

(11) WO 2004/094097 (13) A1

(21) PCT/US2004/003385

(22) 6 Feb/fév 2004 (06.02.2004)

(25) en (26) en

(30) 10/404,695 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PHASE CHANGE LEAD-FREE SUPER PLASTIC SOLDERES

• BRASURES SUPERPLASTIQUES SANS PLOMB A CHANGEMENT DE PHASE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) HUA, Fay; 5389 Ligurian Drive, San Jose, CA 95138 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B23P 19/00, B01D 59/40, 59/50, C25C 3/00, 5/04, 7/00, C25B 11/00, 7/00, C25D 17/10, 11/04, 3/08

(11) WO 2004/094098 (13) A1

(21) PCT/US2004/006725

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 10/405,761 2 Apr/avr 2003 US (02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SINTER-BONDED DIRECT PIN CONNECTIONS FOR INERT ANODES

• CONNEXIONS DIRECTES DE BROCHES SOUDEES PAR FRITTAGE POUR ANODES INERTES

(71) ALCOA INC. [US/US]; Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, PA 15212-5858 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) D'ASTOLFO, JR., LeRoy E. [US/US]; 233 Fairhaven Drive, Lower Burrell, PA 15068 (US).

(74) BEIRIGER, Tracey D. et al. / etc.; Eckert Seamans Cherin & Mellott, LLC, Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B23P 19/04, B60C 25/18

(11) WO 2004/094099 (13) A1

(21) PCT/US2004/008889

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/460,153 3 Apr/avr 2003 US (03.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VALVE STEM INSTALLATION SYSTEM AND METHOD OF INSTALLING VALVE STEM

• SYSTEME D'INSTALLATION D'UNE TIGE DE SOUPAPE, ET PROCEDE PERMETTANT CETTE INSTALLATION

(71) DURR PRODUCTION SYSTEMS, INC. [US/US]; 34300 Nine Mile Road, Farmington, MI 48335 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PELLERIN, Dan [US/US]; 1372 Roberta Court, Howell, MI 48843 (US). SINKE, Chad, A. [US/US]; 3890 Raye Lane, Hartland, MI 48353 (US). HOY, Brian [US/US]; 5634 Mountain Road, Brighton, MI 48116 (US).

(74) DEGRAZIA, Gregory, D. et al. / etc.; Howard and Howard Attorneys, P.C., 39400 Woodward Avenue, Suite 101, Bloomfield Hills, MI 48304-5151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B23P 19/06, F16B 37/06

(11) WO 2004/094100 (13) A1

(21) PCT/US2003/038301

(22) 3 Dec/déc 2003 (03.12.2003)

(25) en (26) en

(30) 60/456,015 19 Mar/mar 2003 US (19.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SELF-DIAGNOSING PIERCE NUT INSTALLATION APPARATUS

• APPAREIL D'INSTALLATION D'ECROU AUTO-POINÇONNEUR A AUTO-DIAGNOSTIC

(71) FABRISTEEL PRODUCTS, INC. [US/US]; 22100 Trolley Industrial Drive, Taylor, MI 48180 (US).

(72) WOODS, Harold, T.; 26607 McBeth Court, Flat Rock, MI 48134 (US).

(74) DEGRAZIA, Gregory, D. et al. / etc.; Howard and Howard Attorneys, P.C., 39400 Woodward Avenue, Suite 101, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B23P 21/00

(11) WO 2004/094101 (13) A1

(21) PCT/US2004/005035

(22) 20 Feb/fév 2004 (20.02.2004)

(25) en (26) en

- (30) 10/393,728 **21 Mar/mar 2003** US  
(**21.03.2003**)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • GROWTH MODEL AUTOMATED MATERIAL HANDLING SYSTEM  
• SYSTEME DE MANIPULATION D'UN MATERIAU AUTOMATISEE POUR MODELE DE CROISSANCE
- (71) **BROOKS AUTOMATION, INC.** [US/US]; 15 Elizabeth Drive, Chelmsford, MA 01824 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **MARIANO, Thomas, R.;** 9 E Woodbine Drive, Londonderry, NH 03053 (US). **MC-CABE, Timothy, A.;** 16 Cherry Hollow Road, Nashua, NH 03062 (US). **JOHNSON, Carl;** 39 Trombly Terrace, Milford, NH 03055 (US).
- (74) **GREEN, Clarence, A. et al. / etc.;** 425 Post Road, Fairfield, CT 06824 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **B23Q 1/58, 1/34, 5/50, H01L 41/09**
- (11) **WO 2004/094102** (13) A1
- (21) PCT/US2004/012228
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 60/464,875 **22 Apr/avr 2003** US  
(**22.04.2003**)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • LINEAR OUTPUT, CLOSED LOOP MOVER ASSEMBLY  
• ENSEMBLE DE CHARGEUR EN BOUCLE FERMEE, A SORTIE LINEAIRE
- (71) **BOOKHAM TECHNOLOGY PLC** [GB/GB]; 90 Milton Park, Abingdon, Oxon OX14 4PRY (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WILLIAMS, Eric, C.** [US/US]; 4179 Arizona Ave., Los Alamos NM 87544 (US). **ARNONE, David, F.** [US/US]; 277 Diablo Avenue, Mountain View, CA 94043 (US). **SHARMA, Manish** [IN/US]; 19400 Sorenson Ave., Apt. 216, Cupertino, CA 95014 (US).
- (74) **ROEDER, Steven, G.;** The Law Office of Steven G. Roeder, 5560 Chelsea Avenue, La Jolla, CA 92037 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)  
Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **B23Q 17/22, G01B 7/00, 21/02**
- (11) **WO 2004/094104** (13) A1
- (21) PCT/FR2004/000506
- (22) **4 Mar/mar 2004 (04.03.2004)**
- (25) fr (26) fr
- (30) 03/03918 **31 Mar/mar 2003** FR  
(**31.03.2003**)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • WORKBENCH FOR PREPARING A WORKPIECE TO BE MACHINED ON A DIGITALLY CONTROLLED MACHINE  
• BANC DE PREPARATION D'UNE PIECE DESTINEE A ETRE USINEE SUR UNE MACHINE A COMMANDE NUMERIQUE
- (71) **THIBAUT SA** [FR/FR]; Société Anonyme, Z.I Est, Avenue de Bischwiller, F-14500 Vire (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **THIBAUT, Jacques** [FR/FR]; chemin de Beauséjour, F-14500 Vaudry (FR). **THIBAUT, Christophe** [FR/FR]; 23, rue des Cordeliers, F-14500 Vire (FR).
- (74) **POUPON, Michel;** Cabinet Michel Poupon, 3, rue Ferdinand Brunot, F-88026 Epinal Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)  
Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **B24B 37/04, H01L 21/304**
- (11) **WO 2004/094105** (13) A1
- (21) PCT/JP2004/005535
- (22) **19 Apr/avr 2004 (19.04.2004)**
- (25) ja (26) ja
- (30) 2003-120469 **24 Apr/avr 2003** JP  
(**24.04.2003**)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VACUUM SUCTION HOLDING APPARATUS AND METHOD, GRINDING APPARATUS USING THE HOLDING APPARATUS, AND DEVICE PRODUCING METHOD USING THE GRINDING APPARATUS  
• APPAREIL ET PROCEDE DE MAINTIEN D'ASPIRATION A VIDE, APPAREIL DE BROUYAGE UTILISANT LEDIT APPAREIL DE MAINTIEN, ET PROCEDE DE PRODUCTION DE DISPOSITIF METTANT EN OEUVRE LEDIT APPAREIL DE BROUYAGE
- (71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo, 1008331 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **IZUMI, Shigeto** [JP/JP]; C/O NIKON CORPORATION, 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo, 1008331 (JP). **ARAI, Hiroshi** [JP/JP]; C/O NIKON CORPORATION, 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo, 1008331 (JP).

- (74) **OHNISHI, Shogo**; S.Ohnishi & Associates Higashi-Ikebukuro SS Building 1F, 3-20-3 Higashi-Ikebukuro, Toshima-ku, Tokyo, 1700013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B24B 37/04, 53/007**
- (11) **WO 2004/094106** (13) A1
- (21) PCT/US2003/039969
- (22) **15 Dec/déc 2003 (15.12.2003)**
- (25) en (26) en
- (30) 10/402,578 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DIAMOND CONDITIONING OF SOFT CHEMICAL MECHANICAL PLANARIZATION/POLISHING (CMP) POLISHING PADS
- CONDITIONNEMENT AU DIAMANT DE TAMPONS DE POLISSAGE/PLANARISATION MECANO-CHIMIQUE (CMP)
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **YARDENI, Barak**; Kibutz Givat, 60948 Brenner (IL). **ELDAD, Boaz**; Derech Halanot 28/8, 49724 Gadera (IL). **SLUTSKY, Philip**; 67/19 Kalman Magen, 99532 Bet Shemesh (IL). **DORON, Dan**; Hakarmel 7/6, 90805 Mevaseret (IL).
- (74) **MALLIE, Michael, J.**; Blakely Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B24B 37/04, H01L 21/321**
- (11) **WO 2004/094107** (13) A1
- (21) PCT/US2004/009243
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 10/421,106 **23 Apr/avr 2003 US (23.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CONDUCTIVE POLISHING PAD WITH ANODE AND CATHODE
- TAMPON DE POLISSAGE CONDUCTEUR POSSEDANT DES ANODES ET DES CATHODES
- (71) **ROHM AND HAAS ELECTRONIC MATERIALS CMP HOLDINGS, INC.** [US/US]; 1105 North Market Street, Suite 1300, Wilmington, DE 19899 (US).
- (72) **SO, Joseph, K.**; 20 Nightingale Circle, Newark, DE 19711 (US).
- (74) **BIEDERMAN, Blake, T. et al. / etc.**; Rohm and Haas Electronic Materials CMP Holdings, Inc., 1105 North Market Street, Suite 1300, Wilmington, DE 19899 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **B24B 37/04, B24D 13/14, 18/00**
- (11) **WO 2004/094108** (13) A1
- (21) PCT/US2004/009563
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) en (26) en
- (30) 10/417,738 **17 Apr/avr 2003 US (17.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POLISHING PAD WITH A WINDOW
- TAMPON DE POLISSAGE COMPRENANT UNE FENETRE
- (71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
- (72) **SWISHER, Robert, G.**; 204 Sunridge Road, Pittsburgh, PA 15238 (US). **WANG, Alan, E.**; 1032 Old Orchard Drive, Gibsonsia, PA 15044 (US). **ALLISON, William, C.**; 3960 Murry Highland Circle, Murrysville, PA 15668 (US).
- (74) **MARMO, Carol A.**; PPG Industries, Inc., Intellectual Property, One PPG Place, 39th Floor, Pittsburgh, PA 15272 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **B24D 3/28**
- (11) **WO 2004/094110** (13) A1
- (21) PCT/US2004/004221
- (22) **13 Feb/fév 2004 (13.02.2004)**
- (25) en (26) en
- (30) 10/393,412 **20 Mar/mar 2003 US (20.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • USE OF AN ABRASIVE ARTICLE WITH AGGLOMERATES
- UTILISATION D'UN ARTICLE ABRASIF AVEC AGGLOMERATS
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ADEFERIS, Negus, B.** [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427

(US). **ERICKSON, Carl, P.** [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **NICCOM, Brent, D.** [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **SAGER, Thomas, A.** [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **SCHROEDER, Craig, F.** [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **TESTEN, Theodore, J.** [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BLANK, Colene, H.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B24D 18/00

(11) WO 2004/094111 (13) A1

(21) PCT/CH2004/000245

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 726/03 24 Apr/avr 2003 CH (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR THE PRODUCTION OF AN ABRASIVE TOOL

• PROCEDE POUR REALISER UN OUTIL ABRASIF

(71) **EMPA EIDGENÖSSISCHE MATERIALPRÜFUNGS- UND FORSCHUNGSANSTALT** [CH/CH]; Überlandstrasse 129, CH-8600 Dübendorf (CH). **EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH** [CH/CH]; Rämistrasse 101, CH-8092 Zürich (CH).

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(72, 75) **ZIGERLIG, Benno** [CH/CH]; Dorfstrasse 85f, CH-5417 Untersiggenthal (CH).

**BURKHARD, Gregor** [DE/CH]; Gartenstrasse 20, 4600 Olten (CH). **KISER, Manfred** [CH/CH]; Zschokkestrasse 10, 8037 Zürich (CH).

(74) **CLERC, Natalia**; Isler & Pedrazzini AG, Gotthardstrasse 53, Postfach 6940, CH-8023 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B25B

(11) WO 2004/094112 (13) A2

(21) PCT/US2004/012124

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,863 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STAPLE REMOVER

• DEGRAFEUSE

(71, 72) **MOSCONE, John** [US/US]; 62 Meadow Lane, Rochester, NH 03867 (US).

(74) **PERREAULT, Donald, J.** et al. / etc.; Grossman, Tucker, Perreault & Pflieger, PLLC, 55 South Commercial Street, Manchester, NH 03101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B25J 9/16

(11) WO 2004/094113 (13) A2

(21) PCT/US2004/010516

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/417,858 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR CONTROLLING A MOTOR

• APPAREIL DE COMMANDE D'UN MOTEUR

(71) **AUTOMATED ASSEMBLIES CORPORATION** [US/US]; 25 School Street, Clinton, MA 01510 (US).

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(72, 75) **KAPLAN, Norton** [US/US]; 9 Daniel Road, Hopkinton, MA 01748 (US). **LEE, David** [US/US]; 31 Hillendale Road, Ashburham, MA 01430 (US).

(74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B26B 21/00

(11) WO 2004/094114 (13) A2

(21) PCT/US2004/008135

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/458,675 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RAZOR HANDLE ASSEMBLY

• ENSEMBLE MANCHE DE RASOIR

(71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145 (US).

(72) **FOLLO, Thomas, A.**; 133 Lexington Way North, Milford, CT 06460 (US).

(74) **MICHAUD, Richard, R.** et al. / etc.; City-Place II, 185 Asylum Street, Hartford, CT 06103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B26D

(11) WO 2004/094115 (13) A2

(21) PCT/US2004/006578

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 10/400,007 **26 Mar/mar 2003** US  
(26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH PRECISION MULTI-GRIT SLICING BLADE

• LAME DE DECOUPAGE EN  
TRANCHES MULTI-GRAIN DE  
HAUTE PRECISION

(71) SAINT-GOBAIN ABRASIVES, INC.  
[US/US]; 1 New Bond Street, Worcester, MA  
01615 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72) CORCORAN, Robert, F.; 220 South Road,  
Oakham, MA 01068 (US).

(74) PORTER, Mary, E. et al. / etc.; 1 New Bond  
Street, Box Number 15138, Worcester, MA  
01615-0138 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B26D 5/00

(11) WO 2004/094116 (13) A1

(21) PCT/US2004/003739

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 10/395, 365 **21 Mar/mar 2003** US  
(21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR VI-  
SUALLY INDEXING OBJECTS UPON  
A MOVING SURFACE

• PROCEDE ET APPAREIL  
D'INDEXATION VISUELLE D'OBJETS  
SUR UNE SURFACE MOBILE

(71) FMC TECHNOLOGIES, INC. [US/US];  
200 EAast Randolph Drive, Chicago, IL  
60601 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) BLAINE, George [US/US]; 1802 118th  
Avenue NE, Lake Stevens, WA 98258 (US).

(74) KRELL, Brian, D.; Christensen O'Connor  
Johnson Kindness PLLC, 1420 Fifth Avenue,  
Suite 2800, Seattle, WA 98101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> B26D 7/06, 7/02

(11) WO 2004/094117 (13) A1

(21) PCT/IT2004/000138

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) FI2003 A 000114 **24 Apr/avr 2003** IT  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR TEMPORARILY  
HOLDING LOGS WITHIN CUT-  
TING-OFF MACHINES

• APPAREIL POUR MAINTENIR TEM-  
PORAIREMENT DES ROULEAUX  
DANS DES MACHINES DE DECOU-  
PAGE

(71, 72) PERINI, Fabio [IT/IT]; Via S.Francesco  
1, I-55049 Viareggio (IT).

(74) MARTINI, Lazzaro; Studio Brevetti, Ing.  
Dr. Lazzaro Martini S.r.l., Via dei Rustici 5,  
I-50122 Firenze (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> B26D 7/06

(11) WO 2004/094118 (13) A1

(21) PCT/IT2004/000139

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) FI2003 A 000115 **24 Apr/avr 2003** IT  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR  
MOVING LOGS WITHIN CUT-  
TING-OFF MACHINES

• APPAREIL ET PROCEDE DE DEPLA-  
CEMENT DES RONDINS DANS DES  
MACHINES DE COUPE

(71, 72) PERINI, Fabio [IT/IT]; Via  
S.Francesco, 1, I-55049 Viareggio (IT).

(74) MARTINI, Lazzaro; Studio Brevetti, Ing.  
Dr. Lazzaro Martini S.r.l., Via dei Rustici 5,  
I-50122 Firenze (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B26F 1/20, B26D 7/20

(11) WO 2004/094119 (13) A1

(21) PCT/US2004/000864

(22) 13 Jan/jan 2004 (13.01.2004)

(25) en (26) en

(30) 10/394,360 **21 Mar/mar 2003** US  
(21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A ROTARY DIE CUTTER FOR FORM-  
ING A NON-LINEAR LINE OF PERFO-  
RATIONS IN A STRIP OF MATERIAL

• COUPEUR A L'EMPORTE-PIECE RO-  
TATIF POUR FORMER UNE LIGNE  
NON LINEAIRE DE PERFORATIONS  
DANS UNE BANDE DE MATERIAU

(71) KIMBERLY-CLARK WORLDWIDE  
INC. [US/US]; 401 N. Lake Street, Neenah,  
Wisconsin 54956 (US).

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les États désignés sauf US)*

(72, 75) WAGNER, Kenneth, John [US/US];  
W6788 Windward Drive, Greenville, Wis-  
consin 54942 (US). MLINAR, Joseph,  
Andrew [US/US]; 730 E. Calumet Street,  
Appleton, Wisconsin 54915 (US).

(74) CONNELLY, Thomas, J. et al. / etc.; KIM-  
BERLY-CLARK WORLDWIDE, INC., 401  
N. Lake Street, Neenah, Wisconsin 54956  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> B27K 3/52, B27N 3/00, 3/28

(11) WO 2004/094120 (13) A1

(21) PCT/EP2004/050498

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 60/464,797 **23 Apr/avr 2003** US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NATURAL PRODUCTS COMPOSITES

• COMPOSITES DE PRODUITS NATU-  
RELS

- (71) CIBA SPECIALTY CHEMICALS HOLDING INC. [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).  
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- (72, 75) STADLER, Urs, Leo [CH/US]; 3 North Oak Court, Madison, NJ 07940 (US). CAPOCCI, Gerald, Anthony [US/US]; 25 Greenway Drive, Greenwich, CT 06831 (US). LI, Sheng-Shing [US/US]; 16 Wedgewood Drive, Danbury, CT 06811 (US). REYES, Melinda [US/US]; 2 Park Hill Court, Morris Plains, NJ 07950 (US). HERBST, Heinz [DE/DE]; Friedrichstrasse 2, 79541 Lörrach (DE).
- (74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B27L 5/04
- (11) WO 2004/094121 (13) A1
- (21) PCT/EP2003/010757
- (22) 26 Sep/sep 2003 (26.09.2003)
- (25) de (26) de
- (30) 102 61 918.2 13 Dec/déc 2002 DE (13.12.2002)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VENEER SLICER  
• TRANCHEUSE
- (71) GRENZEBACH BSH GMBH [DE/DE]; August-Gottlieb-Strasse 5, 36251 Bad Hersfeld (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HEINER, Armin [DE/DE]; Drosselstrasse 8, 36284 Hohenroda (DE). MEYER, Jean [DE/DE]; Auf dem Rück 17, 36289 Friedewald (DE). WEPPLER, Heinrich [DE/DE]; Lutherstrasse 4, 36251 Ludwigsau (DE).
- (74) FRESE-GÖDDEKE, Beate; Hüttenallee 237b, 47800 Krefeld (DE).
- (81) BR CA JP LT LV RO US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- 
- (51)<sup>7</sup> B29B 7/32, C08L 69/00
- (11) WO 2004/094122 (13) A1
- (21) PCT/EP2004/003853
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) de (26) de
- (30) 103 18 108.3 22 Apr/avr 2003 DE (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR MIXING POLYMER MELTS WITH ADDITIVES  
• PROCEDE POUR MELANGER DES MATIERES POLYMERES FONDUES AVEC DES ADDITIFS
- (71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KOHLGRÜBER, Klemens [DE/DE]; Selbach 11, 51515 Kürten (DE). HOLDENRIED, Günther [DE/DE]; Am Hühnerbusch 31, 42799 Leichlingen (DE). KORDS, Christian [DE/DE]; Am Oberfeld 39, 47829 Krefeld (DE). HEUSER, Jürgen [DE/DE]; Minkweg 29a, 47803 Krefeld (DE). KÖNIG, Thomas [DE/DE]; Haydnstr. 15, 51375 Leverkusen (DE).
- (74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B29C
- (11) WO 2004/094123 (13) A2
- (21) PCT/US2004/011753
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 10/418,262 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SPLINTER RESISTANT COMPOSITE LAMINATE  
• LAMINE COMPOSITE RESISTANT A L'EPAUFFURE
- (71) SIKORSKY AIRCRAFT CORPORATION; Legal-IP Dept., Mailstop S316A, 6900 Main Street, Stratford, CT 06616-9129 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) KAY, Bruce, F. [US/US]; 68 Point Lookout, Milford, CT 06460 (US).
- (74) PASULKA, Matthew, P.; Sikorsky Aircraft Corporation, Legal-IP Dept., Mailstop S316A, 6900 Main Street, Stratford, CT 06616-9129 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> B29C
- (11) WO 2004/094125 (13) A2
- (21) PCT/US2004/007955
- (22) 12 Mar/mar 2004 (12.03.2004)
- (25) en (26) en
- (30) 60/459,904 2 Apr/avr 2003 US (02.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMPROVED METHOD FOR TREATING RECYCLED POLYETHYLENE TEREPHTHALATE  
• PROCEDE AMELIORE POUR TRAITER DU POLYETHYLENE TEREPHTHALATE RECYCLE
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).



(71) PHOENIX TECHNOLOGIES, LP [US/US]; 1098 Fairview Avenue, Bowling Green, OH 43402 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HYWARD, Donald, W. [US/US]; 4 Mattatuck Way, Waterville, OH 43566 (US). WITHAM, Daniel, L. [US/US]; 6317 Glenhurst Drive, Apt. #5, Maumee, OH 43537 (US).

(74) FRASER, Donald, R.; MacMillan, Sobanski & Todd, LLC, One Maritime Plaza, Fourth Floor, 720 Water Street, Toledo, OH 43604-1853 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29C 31/00, 45/17

(11) WO 2004/094126 (13) A2

(21) PCT/NL2004/000269

(22) 23 Apr/avr 2004 (23.04.2004)

(25) nl (26) en

(30) 1023250 23 Apr/avr 2003 NL (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOULD DISPLACEMENT DEVICE  
• DISPOSITIF DE DEPLACEMENT DE MOULE

(71) F.T. ENGINEERING B.V. [NL/NL]; Spegelt 12, NL-5674 CD Nuenen (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KRUIDERING, Ralph [NL/NL]; St. Lambertusstraat 23, NL-5266 AC Cromvoirt (NL).

(74) VAN WESTENBRUGGE, Andries et al. / etc.; Nederlandsch Octroobureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29C 45/16

(11) WO 2004/094127 (13) A1

(21) PCT/US2004/008193

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/458,202 27 Mar/mar 2003 US (27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COATING IN MULTIPLE INJECTION MOLDING PART CAVITIES  
• REVETEMENT DE MULTIPLES CAVITES PARTIELLES DE MOULAGE PAR INJECTION

(71) OMNOVA SOLUTIONS INC. [US/US]; Legal Department, 175 Ghent Road, Fairlawn, OH 44333-3300 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MCBAIN, Douglas [US/US]; 233 Fixler Road, Wadsworth, OH 44281 (US). THOMPSON, John [US/US]; 1578 Woodcrest Drive, Wooster, OH 44691 (US). STRAUS, Elliott [US/US]; 2499 Auburn Place, Akron, OH 44312 (US).

(74) BURLESON, David; OMNOVA Solutions Inc., Legal Department, 175 Ghent Road, Fairlawn, OH 44333-3300 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B29C 47/40

(11) WO 2004/094128 (13) A1

(21) PCT/US2004/008352

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/249,552 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POLYMERIC RESIN BLENDS AND METHOD OF MANUFACTURE THEREOF  
• MELANGES DE RESINES POLYMERIQUES ET PROCEDE DE FABRICATION ASSOCIE

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HOSSAN, Robert, John [US/US]; 34 Yorkshire Lane, Delmar, NY 12054 (US).

(74) WINTER, Catherine, J. et al. / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> B29C 55/06, 67/24, 47/36

(11) WO 2004/094129 (13) A2

(21) PCT/EP2004/004687

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0309315.0 24 Apr/avr 2003 GB (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MANUFACTURING AN ORIENTED FILM FROM ALLOYED THERMOPLASTIC POLYMERS, APPARATUS FOR SUCH MANUFACTURE AND RESULTING PRODUCTS  
• PROCEDE DE FABRICATION D'UN FILM ORIENTE A PARTIR D'UN ALLIAGE DE POLYMERES THERMOPLASTIQUES, APPAREIL A CET EFFET, ET PRODUITS OBTENUS

(71, 72) RASMUSSEN, Ole-Bendt [DK/CH]; Sagenstrasse 12, CH-6318 Walchwil (CH).

(74) GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7HL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B29C 69/00, 51/00, 49/00

(11) WO 2004/094130 (13) A1

(21) PCT/EP2004/003173

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 13 495.6 25 Mar/mar 2003 DE  
(25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • PLASTIC HOLLOW BODIES AND  
METHOD FOR THE PRODUCTION  
THEREOF

- CORPS CREUX EN PLASTIQUE ET  
PROCEDE DE PRODUCTION DE CES  
CORPS CREUX

(71) FAGERDALA DEUTSCHLAND GMBH  
[DE/DE]; Herrenhöfer Landstrasse 6, 99885  
Ohrdruf (DE).

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les États désignés sauf US)

(72, 75) BRUNING, Jürgen [DE/DE]; Am  
Birkenhof 16, 33824 Werther (DE).  
ZIEGLER, Maik [DE/DE]; Wiesenstrasse  
7, 99887 Gräfenhain (DE).

(74) KAEWERT, Klaus; Gänsestrasse 4, 40593  
Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B31D 1/02, G09F 3/10, 3/02

(11) WO 2004/094131 (13) A1

(21) PCT/FR2004/000892

(22) 9 Apr/avr 2004 (09.04.2004)

(25) fr (26) fr

(30) 03/04810 17 Apr/avr 2003 FR  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHOD AND DEVICE FOR THE  
PRODUCTION OF A TAPE COMPRIS-  
ING ADHESIVE LABELS

- PROCEDE ET DISPOSITIF DE FABRI-  
CATION D'UN RUBAN D'ETIQUETTES  
ADHESIVES

(71) TECHMAY [FR/FR]; 12bis, avenue Mau-  
rice Thorez, F-94200 Ivry sur Seine (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CARRIERE, Denis [FR/FR]; 220,  
rue Jules Massenet, F-12100 Millau (FR).  
OLIVIER, Bertrand [FR/FR]; Rue Henri  
Dunant, F-12100 Millau (FR).

(74) Cabinet BARRE LAFORGUE & Associés;  
95, rue des Amidonniers, F-31000 Toulouse  
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B31D 1/02

(11) WO 2004/094132 (13) A1

(21) PCT/GB2004/001661

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308934.9 17 Apr/avr 2003 GB  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • LABELS AND METHOD OF MANU-  
FACTURE THEREOF

- ETIQUETTES ET PROCEDE DE FABRI-  
CATION

(71) FIELD GROUP PLC [GB/GB]; Misbourne  
House, Badminton Court, Rectory Way, Old  
Amersham, Buckinghamshire HP7 0DD  
(GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) EXETER, Malcom, Keith [GB/GB];  
c/o Field Group PLC, Misbourne House,  
Badminton Court, Rectory Way, Old Amer-  
sham, Buckinghamshire HP7 0DD (GB).

ATKINS, Paul, Geoffrey [GB/GB]; C/o  
Field Group PLC, Misbourne House, Bad-  
minton Court, Rectory Way, Old Amersham,  
Buckinghamshire HP7 0DD (GB). THOMP-  
SON, Ian [GB/GB]; C/o Field Group PLC,  
Misbourne House, Badminton Court, Rectory  
Way, Old Amersham, Buckinghamshire HP7  
0DD (GB).

(74) CHAVE, Lynne, Fiona; Urquhart-Dykes &  
Lord LLP., New Priestgate House, 57 Priest-  
gate, Peterborough, Cambridgeshire PE1 1JX  
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B31F 1/07

(11) WO 2004/094133 (13) A1

(21) PCT/US2004/001408

(22) 20 Jan/jan 2004 (20.01.2004)

(25) en (26) en

(30) 10/397,748 25 Mar/mar 2003 US  
(25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • CLOTH-LIKE TISSUE SHEETS HAV-  
ING INTERFERENCE PATTERN

- FEUILLES DE PAPIER EN OUATE DE  
CELLULOSE DU TYPE TISSU, A TEX-  
TURE CAMOUFLEE

(71) KIMBERLY-CLARK WORLDWIDE  
INC. [US/US]; 401 N. Lake Street, Neenah,  
WI 54956 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) UNDERHILL, Richard, Louis  
[US/US]; 726 Congress Place, Neenah,  
WI 54956 (US). BEUTHER, Paul, Douglas  
[US/US]; 1470 Jacobson Road, Neenah, WI  
54956-1102 (US). GUSKY, Robert, Ir-  
ving [US/US]; 304 River Drive, Appleton,  
WI 54915 (US). VOGT, Kevin, Joseph  
[US/US]; 3697 Park Lane Drive, Neenah, WI  
54956 (US).

(74) CROFT, Gregory, E. et al. / etc.; Kimberly-  
Clark Worldwide, Inc., 401 N. Lake Street,  
Neenah, WI 54956 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B32B

(11) WO 2004/094134 (13) A2

(21) PCT/US2004/011923

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,784 18 Apr/avr 2003 US  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • MULTI-LAYER POLYMER COMPO-  
NENT, APPARATUS AND METHOD

- COMPOSANT POLYMERE MULTI-  
COUCHE, ET APPAREIL ET PROCEDE  
CORRESPONDANTS

(71) **LIGON BROTHERS MANUFACTURING COMPANY** [US/US]; 3776 Van Dyke Road, Almont, MI 48003 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **SCHWARTZWALDER, Kurt**; 47101 Whipperwill Drive, Macomb, MI 48044 (US). **MCGINNIS, Craig, W.**; 529E. Glass Road, Ortonville, MI 48462 (US). **MACKER, Matthew, P.**; 704 W. St. Clair Street, Almont, MI 48003 (US). **HANA, Jeffrey, L.**; 44234 Delco Boulevard, Sterling Heights, MI 48313 (US).

(74) **MACK, Lisa, K. et al. / etc.**; Dykema Gossett PLLC, 39577 Woodward Avenue, Suite 300, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B32B 3/02

(11) WO 2004/094135 (13) A1

(21) PCT/US2004/011774

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,837 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METAL ALLOYS FOR THE REFLECTIVE OR THE SEMI-REFLECTIVE LAYER OF AN OPTICAL STORAGE MEDIUM

• ALLIAGES METALLIQUES POUR LA COUCHE REFLECHISSANTE OU SEMI-REFLECHISSANTE D'UN SUPPORT DE MEMORISATION OPTIQUE

(71) **TARGET TECHNOLOGY COMPANY, LLC** [US/US]; 17951 Sky Park Circle, Building 35, Suite A, Irvine, CA 92614 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEE, Han, H.** [US/US]; 7 Sommet, Newport Coast, CA 92657 (US).

(74) **EMANUELE, John, J. et al. / etc.**; Woodard, Emhardt, Moriarty, Mcnett & Henry LLP, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B32B 5/26

(11) WO 2004/094136 (13) A1

(21) PCT/JP2004/005785

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-116957 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH STRENGTH NON-WOVEN FABRIC

• NON-TISSE HAUTE RESISTANCE

(71) **ASAHI KASEI FIBERS CORPORATION** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 5308205 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUZUKA, Ryuji** [JP/JP]; 3113-2, Harimadacho, Moriyama-shi, Shiga 5240012 (JP). **NAKAKITA, Mitsuji** [JP/JP]; 1534, Kojimacho, Moriyama-shi, Shiga 5240002 (JP).

(74) **AOKI, Atsushi et al. / etc.**; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 1058423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B32B 7/00, 5/12, 17/00, 17/02, 17/04, 27/02, 27/30

(11) WO 2004/094137 (13) A1

(21) PCT/US2003/039389

(22) 10 Dec/déc 2003 (10.12.2003)

(25) en (26) en

(30) 10/394,616 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REINFORCED FABRIC SUBSTRATE AND METHOD FOR MAKING THE SAME

• SUBSTRAT DE TISSU RENFORCE ET SON PROCEDE DE FABRICATION

(71) **MILLIKEN & COMPANY** [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).

(72) **GRAY, Hugh, D.**; 1126 Deer Valley Road, Laurens, SC 29360 (US). **TEBBETTS, Carly P.**; 147 Buist Ave., Greenville, SC 29609 (US).

(74) **MOSES, Thomas, L.**; Milliken & Company, Legal Department (M-495), 920 Milliken Road, Spartanburg, SC 29303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B32B 7/02, B29C 65/36, B65B 51/10, 51/22, B65D 65/40

(11) WO 2004/094138 (13) A1

(21) PCT/JP2003/015518

(22) 4 Dec/déc 2003 (04.12.2003)

(25) ja (26) ja

(30) 2003-113753 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR PRODUCING PACKAGING LAMINATE MATERIAL

• PROCEDE DE PRODUCTION D'UN MATERIAU LAMINE D'EMBALLAGE

(71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; 70 Avenue General-Guisan, CH-1009 Pully (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRISK, Peter** [SE/JP]; c/o NIHON TETRA PAK K.K., 6-12, Kioicho, Chiyoda-ku, Tokyo 102-8544 (JP). **OHMOTO, Yoshio** [JP/JP]; c/o NIHON TETRA PAK K.K., 6-12, Kioicho, Chiyoda-ku, Tokyo 102-8544 (JP).

(74) **SHIMIZU, Shozo**; c/o Intellectual Property Department, R & D, Nihon Tetra Pak K.K., 755-1 JinbaUenohara, Gotenba-shi, Shizuoka 412-0047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B32B 7/02, 27/00, B65D 65/16

(11) WO 2004/094139 (13) A1

(21) PCT/JP2004/005775

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

- (30) 2003-119400 **24 Apr/avr 2003** JP  
(24.04.2003)
- (30) 2003-284765 **1 Aug/août 2003** JP  
(01.08.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HEAT-SHRINKABLE MILKY FILM, SHRINK LABEL AND CONTAINER WITH LABEL  
• FILM LAITEUX THERMORETRACTABLE, ETIQUETTE RETRACTABLE ET RECIPIENT DOTE D'UNE ETIQUETTE
- (71) FUJI SEAL INC. [JP/JP]; 3-18, Imazukita 5-chome, Tsurumi-ku, Osaka-shi, Osaka 5380041 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TSUCHIDA, Koji [JP/JP]; c/o Fuji Seal, INC., 3-18, Imazukita 5-chome, Tsurumi-ku, Osaka-shi, Osaka 5380041 (JP). UMEDA, Hideaki [JP/JP]; c/o Fuji Seal, INC., 3-18, Imazukita 5-chome, Tsurumi-ku, Osaka-shi, Osaka 5380041 (JP).
- (74) GOTO, Yukihisa; 202, Masuda Building, 7-16, Higashitenma 2-chome, Kita-ku, Osaka-shi, Osaka 5300044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(t) for all designations / pour toutes les designations  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> B32B 27/00
- (11) WO 2004/094141 (13) A2
- (21) PCT/US2004/010336
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 10/418,999 **18 Apr/avr 2003** US  
(18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MULTI-LAYER ORIENTED POLYPROPYLENE FILMS WITH MODIFIED CORE  
• FILMS EN POLYPROPYLENE MULTICOUCHES ORIENTES, A PARTIE CENTRALE MODIFIÉE
- (71) EXXONMOBIL OIL CORPORATION [US/US]; 5959 Los Colinas Drive, Irving, TX 75039-2298 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIGLIORINI, Robert, A. [US/US]; 26 Jennifer Drive, North Haven, CT 06473 (US). LIESTMAN, David, A. [US/US]; 58 Greystone, Shelton, CT 06484 (US).
- (74) JAMES, Rick, F.; ExxonMobil Chemical Company, Law Technology, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> B32B 21/02
- (11) WO 2004/094140 (13) A1
- (21) PCT/PH2003/000016
- (22) 18 Dec/déc 2003 (18.12.2003)
- (25) en (26) en
- (30) 2-2003-00156 **21 Apr/avr 2003** PH  
(21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A MOLDED COARSE PARTICLE PRODUCT  
• PRODUIT MOULE A BASE DE PARTICULES GROSSIERES
- (71, 72) DELANTAR, Pedro [PH/PH]; 31 Sesame Street, Doña Rita Village, Banilad, Cebu City 6000 (PH). DELANTAR, Catherine [PH/PH]; 31 Sesame Street, Doña Rita Village, Banilad, Cebu City 6000 (PH).
- (74) PADLAN, Felino; Padlan, Salvador, Coloma & Associates, Suite 307, 3rd Flr., ITC Bldg., 337 Sen., Gil Puyat Avenue, Bel-Air, Makati City, Metro Manila 1200 (PH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- Declarations / Déclarations :  
(s) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (t) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)<sup>7</sup> B32B 27/18, 27/36, 33/00, 17/10, C08K 5/3492, E06B 3/663
- (11) WO 2004/094142 (13) A1
- (21) PCT/US2004/004483
- (22) 18 Feb/fév 2004 (18.02.2004)
- (25) en (26) en
- (30) 10/413,684 **15 Apr/avr 2003** US  
(15.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • UV-PROTECTED MULTILAYERED WINDOW PANES  
• VITRES MULTICOUCHE A PROTECTION ANTI-UV
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CASTIGLIONE, Stephanie, B. [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). BENSON, Olester, Jr. [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). FISCHER, Richard, M. Jr. [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). JOHNSON, Stephen, A. [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) BARDELL, Scott et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :  
(s) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(f) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> B32B 27/36, 27/32, 27/28

(11) WO 2004/094143 (13) A1

(21) PCT/US2004/007340

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/400,056 26 Mar/mar 2003 US  
(26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • HIGH BARRIER METALLIZED FILM  
WITH MIRROR-LIKE APPEARANCE  
• FILM METALLISE HAUTE-BARRIERE  
AVEC UNE APPARENCE LUSTREE

(71) EXXONMOBIL OIL CORPORATION  
[US/US]; 13501 Katy Freeway, Houston, TX  
77059 (US).  
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les États désignés sauf US)

(72, 75) SQUIER, Jo, Ann, H. [US/US]; 3171  
Wesley Road, Bloomfield, NY 14469 (US).  
LOCKHART, Mark, W. [US/US]; 2 Iron-  
wood Drive, Fairport, NY 14450 (US).

(74) PHILLIPS, Richard, F.; ExxonMobil  
Chemical Company, P.O. Box 2149, Bay-  
town, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> B41C 1/10, B41M 5/36

(11) WO 2004/094144 (13) A1

(21) PCT/US2004/005387

(22) 23 Feb/fév 2004 (23.02.2004)

(25) en (26) en

(30) 10/393,762 21 Mar/mar 2003 US  
(21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHOD FOR PREPARING LITHO-  
GRAPHIC PRINTING PLATES  
• PROCEDE DESTINE A LA PREPARA-  
TION DE PLAQUES D'IMPRESSION  
LITHOGRAPHIQUE

(71) KODAK POLYCHROME GRAPHICS  
LLC [US/US]; 401 Merritt 7, Norwalk, CT  
06851 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) PATEL, Jayanti; 1027 Lochmore Place,  
Fort Collins, CO 80524 (US).

(74) KRIKELIS, Costas, S.; Ratner8restia, P.O.  
Box 1596, Wilmington, DE 19899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B41F 13/56, B65H 45/16, 45/28

(11) WO 2004/094145 (13) A1

(21) PCT/EP2004/050446

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 103 18 477.5 23 Apr/avr 2003 DE  
(23.04.2003)

(30) PCT/EP04/050022 16 Jan/jan 2004 EP  
(16.01.2004)

(30) 10 2004 003 729.9 23 Jan/jan 2004 DE  
(23.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • ROTARY ROLLER PRINTING PRESS  
• ROTATIVE A BOBINES

(71) KOENIG & BAUER AKTIENGE-  
SELLSCHAFT [DE/DE]; Friedrich-Koenig-  
Str. 4, 97080 Würzburg (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CHRISTMANN, Klaus, Ludwig  
[DE/DE]; Pfarrer-Krieger-Weg 21, 67551  
Worms (DE).

(74) KOENIG & BAUER AKTIENGE-  
SELLSCHAFT; Lizenzen - Patente,  
Friedrich-Koenig-Str. 4, 97080 Würzburg  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B41F 33/00

(11) WO 2004/094146 (13) A1

(21) PCT/EP2004/003072

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 18 209.8 22 Apr/avr 2003 DE  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • PRINTING PRESS AND METHOD FOR  
OPERATING A PRINTING PRESS  
• PRESSE ET PROCEDE POUR FAIRE  
FONCTIONNER UNE PRESSE

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) AGNE, Werner [DE/DE]; Himmelgar-  
ten 21, 90552 Röthenbach (DE). SCHLINK-  
ERT, Jochen [DE/DE]; Starenstrasse 15,  
91315 Höchststadt/Aisch (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B41J

(11) WO 2004/094147 (13) A2

(21) PCT/US2004/011826

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

- (30) 10/417,843 **17 Apr/avr 2003** US  
(17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR REDUCING MIGRATING RESIDUAL ERROR IN ERROR DIFFUSION HALFTONING
- PROCEDE POUR REDUIRE L'ERREUR RESIDUELLE DE MIGRATION AFFECTANT LA CREATION DE GRISES PAR DIFFUSION D'ERREURS
- (71) LEXMARK INTERNATIONAL, INC [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).
- (72) THAKUR, Khageshwar; 448 Hollow Creek Rd., Apt. #C-9, Lexington, KY 40511 (US).
- (74) JACOBS, Elizabeth, C.; Lexmark International, Inc., 740 New Circle Road, Lexington, KY 40550 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B41J
- (11) WO 2004/094149 (13) A2
- (21) PCT/US2004/003767
- (22) 10 Feb/fév 2004 (10.02.2004)
- (25) en (26) en
- (30) 10/410,542 **9 Apr/avr 2003** US  
(09.04.2003)
- (30) 10/409,941 **9 Apr/avr 2003** US  
(09.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PRODUCTS, COMPOSITIONS, AND METHODS EMPLOYED IN SOLVENT-BASED INK JET PRINTING
- PRODUITS, COMPOSITIONS ET PROCÉDES EMPLOYÉS DANS LE CADRE DE L'IMPRESSION JET D'ENCRE A BASE DE SOLVANT
- (71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, South Carolina 29303 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LI, Shulong [US/US]; 204 Woodgrove Trace, Spartanburg, South Carolina 29301 (US).
- (74) BACON, Jeffery E.; MILLIKEN & COMPANY, LEGAL DEPARTMENT (M-495), 920 Milliken Road, Spartanburg, South Carolina 29303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B41J
- (11) WO 2004/094148 (13) A2
- (21) PCT/US2004/011827
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 10/419,177 **18 Apr/avr 2003** US  
(18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD, PRINTER AND PRINT-HEAD DRIVER FOR PRINTING USING TWO PRINTHEADS
- PROCEDE, IMPRIMANTE, ET PILOTE DE TETE D'IMPRESSION POUR IMPRIMER AVEC DEUX TETES D'IMPRESSION
- (71) LEXMARK INTERNATIONAL, INC [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).
- (72) DEBOARD, Bruce, A.; 861 Ridgebrook Rd, Lexington, KY 40509 (US). EADE, Thomas, J.; 741 Rainwater Drive, Lexington, KY 40515 (US). GOODMAN, John, A.; 9070 Charleston Way, Shelbyville, KY 40065 (US). LOWE, Tommy, O.; 5270 Stewart Road, Lexington, KY 40516 (US). LUCIANO, Joseph, W.; 4816 Spring Creek Circle, Lexington, KY 40515 (US). MCKINLEY, Bryan, D.; 1495 N. Forbes Rd., Lexington, KY 40511 (US). POWELL, Daniel, S.; 816 Lakeview Dr., KY 40383 (US).
- (74) JACOBS, Elizabeth, C.; Lexmark International, Inc., 740 West New Circle Road, Lexington, KY 40550 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B41J 2/01, 2/175, C09D 11/00
- (11) WO 2004/094150 (13) A1
- (21) PCT/JP2003/005026
- (22) 18 Apr/avr 2003 (18.04.2003)
- (25) ja (26) ja
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INK JET PRINTER
- IMPRIMANTE A JET D'ENCRE
- (71) MIMAKI ENGINEERING CO., LTD. [JP/JP]; 1333-3, Kazawa, Tohmi-shi, Nagano 389-0514 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KANAI, Hiroshi [JP/JP]; 1802-13, Nagase, Maruko-machi, Chisagata-gun, Nagano 386-0407 (JP). OHNISHI, Masaru [JP/JP]; 3-2-29, Midoridai, Kawanishi-shi, Hyogo 666-0129 (JP). HASHIZUME, Kenji [JP/JP]; 187-1, Oaza Wada, Komoro-shi, Nagano 389-0093 (JP). UEHARA, Shinichi [JP/JP]; 1-1-1, Ichimachi, Komoro-shi, Nagano 384-0033 (JP). MARUYAMA, Koji [JP/JP]; 2120-5, Sigeno Otu, Tohmi-shi, Nagano 389-0512 (JP). TSUCHIYA, Katsuhisa [JP/JP]; 913-1, Mihari, Tohmi-shi, Nagano 389-0501 (JP).
- (74) MATSUDA, Munehisa; 1-24-24, Aokijima, Nagano-shi, Nagano 381-2247 (JP).
- (81) AU CA CN JP KR RU US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AU CA CN JP KR RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)
- (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> B41J 2/01, 2/525, 29/46
- (11) WO 2004/094151 (13) A1
- (21) PCT/JP2004/004486
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) ja (26) ja
- (30) 2003-118613 **23 Apr/avr 2003** JP  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INKJET PRINTER AND PROGRAM
- IMPRIMANTE A JET D'ENCRE ET PROGRAMME ASSOCIE
- (71) SHIMA SEIKI MANUFACTURING LIMITED [JP/JP]; 85, Sakata, Wakayama-shi, Wakayama 6418511 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MORIMOTO, Shinji [JP/JP]; c/o SHIMA SEIKI MANUFACTURING LIMITED, 85, Sakata, Wakayama-shi, Wakayama 6418511 (JP). KUSUDO, Masaaki [JP/JP]; c/o SHIMA SEIKI MANUFACTURING LIMITED, 85, Sakata, Wakayama-shi, Wakayama 6418511 (JP).
- (74) SAIKYO, Keiichiro et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 5410051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B41J 3/407

(11) WO 2004/094152 (13) A1

(21) PCT/DE2004/000442

(22) 6 Mar/mar 2004 (06.03.2004)

(25) de (26) de

(30) 203 06 312.0 22 Apr/avr 2003 DE  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR WRITING OR PRINTING  
ON SPHERICALLY CURVED OBJECT  
SURFACES

• DISPOSITIF D'INSCRIPTION OU  
D'IMPRESSION DE SURFACES  
D'OBJETS A COURBURE SPHERIQUE

(71) HARZBECKER, Kay [DE/DE]; Haupt-  
strasse 142, 09390 Gornsdorf (DE).  
SCHNEIDER, Bastian [DE/DE]; Haupt-  
strasse 190, 09221 Neukirchen (DE). LEEST,  
Kay [DE/DE]; Oberreichenbacher Strasse  
87, 08468 Reichenbach (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(71, 72) SCHARF, Daniel [DE/DE]; Oberstein-  
bacher Str 5b, OT Langensteinbach, 09322  
Penig (DE).

(74) KÖRTEL, Günther, H.; Annaberger Strasse  
240, 09125 Chemnitz (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les  
designations

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
designations

(u) for / pour US only / seulement

(51)<sup>7</sup> B41J 3/54, 13/00

(11) WO 2004/094153 (13) A1

(21) PCT/FR2004/000697

(22) 22 Mar/mar 2004 (22.03.2004)

(25) fr

(26) fr

(30) 03/04721 15 Apr/avr 2003 FR  
(15.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM FOR PRINT-  
ING A PLURALITY OF SUPPORTS

• PROCEDE ET SYSTEME POUR L'IM-  
PRESSION D'UNE PLURALITE DE  
SUPPORTS

(71) INOV-MEDIA [FR/FR]; Parc des Affaires  
des Portes, Rue Sainte Marguerite, F-27100  
Val De Reuil (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) THIENARD, Régis [FR/FR]; 6, allée  
de la Perspective, F-91210 Draveil (FR).  
THOMAS, Alain [FR/FR]; La Bigrerie,  
F-27210 Saint-Pierre Du Val (FR).

(74) BREESÉ, Pierre et al. / etc.; Breesé-Ma-  
jerowicz, 3, avenue de l'Opéra, F-75001 Paris  
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B41J 11/00

(11) WO 2004/094154 (13) A1

(21) PCT/JP2004/003170

(22) 11 Mar/mar 2004 (11.03.2004)

(25) ja (26) ja

(30) 2003-115655 21 Apr/avr 2003 JP  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PRINTER AND CONTROL METHOD  
THEREOF

• IMPRIMANTE ET PROCEDE POUR LA  
COMMANDER

(71) SEIKO EPSON CORPORATION [JP/JP];  
4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku,  
Tokyo 1630811 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KOIKE, Toshiaki [JP/JP]; c/o SEIKO  
EPSON CORPORATION, 3-5, Owa  
3-chome, Suwa-shi, Nagano 3928502 (JP).  
NARITA, Hiroshi [JP/JP]; c/o SEIKO EP-  
SON CORPORATION, 3-5, Owa 3-chome,  
Suwa-shi, Nagano 3928502 (JP).

(74) KAMIYANAGI, Masataka et al. / etc.; c/o  
Intellectual Property Division, SEIKO EP-  
SON CORPORATION, 3-5, Owa 3-chome,  
Suwa-shi, Nagano 3928502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B41J 11/00

(11) WO 2004/094155 (13) A1

(21) PCT/US2003/028712

(22) 12 Sep/sep 2003 (12.09.2003)

(25) en (26) en

(30) 10/394,439 20 Mar/mar 2003 US  
(20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • JAM RESISTANT PRINTER BEZEL

• COLLERETTE D'IMPRIMANTE RESIS-  
TANT AU BOURRAGE

(71) TRANSACT TECHNOLOGIES INCOR-  
PORATED [US/US]; 7 Laser Lane, Walling-  
ford, CT 06492 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KNOBEL, Larry [US/US]; 38 North  
West Street, Homer, NY 13077 (US).

(74) LIPSITZ, Barry, R.; Law Offices of Barry  
R. Lipsitz, 755 Main Street, Building No. 8,  
Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> B41J 29/393

(11) WO 2004/094156 (13) A1

(21) PCT/US2004/012442

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/420,601 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR AD-  
JUSTING DROP VELOCITY

• PROCEDE ET APPAREIL DE RE-  
GLAGE DE LA VITESSE DES  
GOUTTES

(71) LEXMARK INTERNATIONAL, INC.  
[US/US]; 740 West New Circle Road, Lex-  
ington, KY 40550 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) **KING, David, G.**; 66 Goldenrod Ct., Lexington, KY 40550 (US). **KROGER, Patrick, L.**; 2001 Carpenter Pike, Versailles, KY 40383 (US).

(74) **GARCIA, Christine, K.**; 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B41M

(11) WO 2004/094157 (13) A2

(21) PCT/US2003/022739

(22) 22 Jul/juil 2003 (22.07.2003)

(25) en (26) en

(30) 10/202,423 23 Jul/juil 2002 US (23.07.2002)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AQUEOUS LATENT IMAGE PRINTING METHOD AND AQUEOUS LATENT IMAGE PRINTING INK FOR USE THEREWITH

• PROCEDE D'IMPRESSION D'IMAGE LATENTE AQUEUSE ET ENCRE D'IMPRESSION D'IMAGE LATENTE AQUEUSE UTILISEE DANS LEDIT PROCEDE

(71) **LASER LOCK TECHNOLOGIES, INC.** [US/US]; 837 Lindy Lane, Bala Cynwyd, PA 19004 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOVOLD, Terry** [CA/US]; 177 Farrell Road, Saranac, NY 12981-3735 (US).

(74) **PAIKOFF, Richard, A.**; Duane Morris LLP, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B41M 5/00

(11) WO 2004/094158 (13) A1

(21) PCT/GB2004/001381

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0308937.2 17 Apr/avr 2003 GB (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INKJET RECORDING ELEMENT COMPRISING PARTICLES AND POLYMERS

• ELEMENT D'IMPRESSION A JET D'ENCRE COMPRENANT DES PARTICULES ET DES POLYMERES

(71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOWE, Andrew** [GB/GB]; 10 Pinewood Close, Watford, Hertfordshire WD17 4NP (GB). **WESLEY, Robin** [GB/GB]; 92 Bedford Road, Ruislip, Middlesex HA4 6LZ (GB).

(74) **HAILE, Helen et al.** / etc.; Kodak Limited, Patent Department (W92-3A), Headstone Drive, Harrow, Middlesex HA1 4TY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B41M 5/40, C09K 3/16

(11) WO 2004/094159 (13) A1

(21) PCT/US2004/008930

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/408,393 7 Apr/avr 2003 US (07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • THERMOGRAPHIC MATERIALS CONTAINING METAL ANIMONATE CONDUCTIVE LAYERS

• MATIERES THERMOGRAPHIQUES CONTENANT DES COUCHES CONDUCTRICES D'ANTIMONATE DE METAL

(71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PHAM, Oanh, Van** [US/US]; 2532 Valley View Avenue, Maplewood, MN 55119 (US).

(74) **EASTMAN KODAK COMPANY**; 343 State Street, Rochester, NY 14650-2201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B42D 9/00

(11) WO 2004/094160 (13) A2

(21) PCT/AT2004/000135

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) A 614/2003 23 Apr/avr 2003 AT (23.04.2003)

(30) A 1494/2003 22 Sep/sep 2003 AT (22.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FOLDER FOR USE AS A KNEE BOARD  
• CLASSEUR POUVANT ETRE UTILISE COMME PLANCHETTE DE VOL

(71, 72) **HAGENEDER, Josef** [AT/AT]; A-4641 Steinhaus 163 (AT).

(74) **HÜBSCHER, Gerhard et al.** / etc.; Spittelwiese 7, A-4020 Linz (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B42D 15/10

(11) WO 2004/094161 (13) A1

(21) PCT/IP2004/005629



- (22) **20 Apr/avr 2004 (20.04.2004)**  
(25) ja (26) ja  
(30) 2003/116954 **22 Apr/avr 2003 JP**  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ID CARD CREATION MANAGEMENT SYSTEM  
• SYSTEME DE GESTION DE CREATION DE CARTE D'IDENTITE  
(71) **KONICA MINOLTA PHOTO IMAGING, INC.** [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **FUNAKI, Shinsuke** [JP/JP]; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). **ITOH, Setsuo** [JP/JP]; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B43K 5/14**  
(11) **WO 2004/094162** (13) A1  
(21) PCT/US2003/012302  
(22) **22 Apr/avr 2003 (22.04.2003)**  
(25) en (26) en  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • CONTAINER WITH APPLICATOR  
• RECIPIENT DOTE D'UN APPLICATEUR  
(71, 72) **TSAUR, Garry** [US/US]; 19222 Tranbarger Street, Rowland Heights, CA 91748 (US).  
(74) **NIEH, Joe**; 18760 E. Amar Road, #204, Walnut, CA 91789 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :  
(r) for all designations / pour toutes les désignations  
(s) for all designations / pour toutes les désignations

- (u) for / pour US only / seulement  
(51)<sup>7</sup> **B43M**  
(11) **WO 2004/094163** (13) A2  
(21) PCT/US2004/005203  
(22) **20 Feb/fév 2004 (20.02.2004)**  
(25) en (26) en  
(30) 10/400,124 **26 Mar/mar 2003 US**  
(26.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PAGE TURNING ARRANGEMENT  
• DISPOSITIF DESTINE A TOURNER LES PAGES  
(71) **STEFFENROSEN LLC** [US/US]; 120 East Halsey Road, P.O. Box 6330, Parsippany, NJ 07054 (US).  
(72) **STEFFENS, Robert, S.**; P.O. Box 5, Peapack, NJ 07977 (US). **SHEPARD, Ben**; 120 East Halsey Road, Parsippany, NJ 07054 (US).  
(74) **ISRAEL, Alan**; Kirschstein, Ottinger, Israel & Schiffmiller, P.C., 489 Fifth Avenue, New York, NY 10017 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **B44C**  
(11) **WO 2004/094164** (13) A2  
(21) PCT/US2004/010053  
(22) **1 Apr/avr 2004 (01.04.2004)**  
(25) en (26) en  
(30) 10/421,565 **23 Apr/avr 2003 US**  
(23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • DECORATIVE PANEL WITH SURFACE PRINTING  
• PANNEAU DECORATIF AYANT UNE IMPRESSION DE SURFACE  
(71) **OWENS CORNING** [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **TILTON, Jeffrey, A.** [US/US]; 7904 Sutherland Farm Road, Prospect, KY 40059 (US). **BERDAN, Clarke, II** [US/US]; 1878 Hankinson Road, Granville, OH 43023 (US). **PARKS, Jerry, M.** [US/US]; 5694 Chatham Road Northeast, Granville, OH 43023 (US).  
(74) **DOTTAVIO, James, J.**; Owens Corning Science & Technology Center, 2790 Columbus Road, Building 11-7, Granville, OH 43023-1200 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> **B44D**  
(11) **WO 2004/094165** (13) A2  
(21) PCT/US2004/008835  
(22) **23 Mar/mar 2004 (23.03.2004)**  
(25) en (26) en  
(30) 10/421,553 **23 Apr/avr 2003 US**  
(23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • LINE-MARKING DEVICE WITH POSITION DEVICES AND TRIGGER ACTIVATOR  
• DISPOSITIF DE MARQUAGE DE LIGNES A MECANISMES DE POSITIONNEMENT ET ACTIVATEUR DE DECLenchement  
(71) **UMBRO LLC** [US/US]; 3811 Route 9G, Rhinebeck, NY 12572 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) **TESSEL, David** [ZA/US]; 680-7 West 246th Street, Bronx, NY 10471 (US). **UMBRO, Gerald, G.** [US/US]; 14 Somers Drive, Rhinebeck, NY 12572 (US).  
(74) **DEROSA, Frank**; Brown Raysman Millstein Felder & Steiner LLP, 900 Third Avenue, New York, NY 10022 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> **B60C**  
(11) **WO 2004/094166** (13) A2  
(21) PCT/US2004/011488  
(22) **12 Apr/avr 2004 (12.04.2004)**  
(25) en (26) en  
(30) 10/418,258 **16 Apr/avr 2003 US**  
(16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD AND APPARATUS FOR A RETRACTABLE PNEUMATIC LINE COUPLING PROTECTOR

- PROCEDE ET APPAREIL DESTINES A UN DISPOSITIF ESCAMOTABLE DE PROTECTION D'UN ACCOUPLEMENT DE RACCORDS PNEUMATIQUES
- (71, 72) CALDWELL, Cary [US/US]; 19975 Stanton Ave., Castro Valley, CA 94546 (US).
- (72, 75) MATTER, Stefan [US/US]; 3505 Wind Cave Court, Pleasanton, CA 94588 (US).
- (74) SMITH, Gregory Scott et al. / etc.; Gregory Smith & Associates, 3900 Newpark Mall Rd., Suite 317, Newark, CA 94560 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> B60C 23/02
- (11) WO 2004/094167 (13) A1
- (21) PCT/US2004/012281
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 10/420,175 21 Apr/avr 2003 US (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • REMOTE TIRE MONITORING SYSTEMS TOOL
- OUTIL POUR SYSTEMES DE TELE-SURVEILLANCE
- (71) G-5 ELECTRONICS; 5692 Clearview Drive, Troy, MI 48098 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PACSAI, Ernest [US/US]; 2727 Apache Trail, Wixom, MI 48393 (US). KENNY, Thomas [US/US]; 5692 Clearview Drive, Troy, MI 48098 (US). SZASZ, Carl [US/US]; 520 Arrons Way, Ortonville, MI 48462 (US). GILLING, Robert [US/US]; 1470 Rivers Edge, Caro, MI 48723 (US).
- (74) HILL, Stanley; Law Office of Stanely K. Hill, PLC, c/o PortfoliOP, P.O. Box 52050, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B60C 25/132

(11) WO 2004/094168 (13) A1

(21) PCT/FR2004/000861

(22) 7 Apr/avr 2004 (07.04.2004)

(25) fr (26) fr

(30) 03/04739 16 Apr/avr 2003 FR (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND DEVICE FOR TREATING A SET OF COMPONENTS FOR THE WHEEL OF A VEHICLE

- PROCEDE ET DISPOSITIF POUR EFFECTUER UN TRAITEMENT SUR UN ENSEMBLE DE COMPOSANTS D'UNE ROUE DE VEHICULE

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont Ferrand (FR).

*(for all designated States except / pour tous les États désignés sauf CA MX US)*

(71) MICHELIN RECHERCHE ET TECHNIQUE SA [CH/CH]; Route Louis Braille 10 et 12, CH-1763 Granges-Paccot (CH).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CORNIOT, Philippe [FR/FR]; Lotissement Plein Sud, F-63530 Enval (FR).

(74) LAGET, Jean-Loup; Cabinet Peuscet, 78, avenue Raymond Poincaré, F-75116 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60G 3/20, 7/00

(11) WO 2004/094169 (13) A1

(21) PCT/IB2004/001196

(22) 21 Apr/avr 2004 (21.04.2004)

(25) it (26) en

(30) TO2003A000313 22 Apr/avr 2003 IT (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOTOR-VEHICLE INDEPENDENT SUSPENSION

- SUSPENSION INDEPENDANTE POUR VEHICULE AUTOMOBILE

(71) SISTEMI SOSPENSIONI S.P.A. [IT/IT]; Viale Aldo Borletti, 61/63, I-20011 Corbetta (IT).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GERRARD, Miles, Barnaby [GB/IT]; Via Matteo Pescator, 17, I-10124 Torino (IT). IPPOLITO, Luigi [IT/IT]; Via Cortassa, 11, I-10044 Pianezza (IT).

(74) QUINTERNO, Giuseppe et al. / etc.; Jacobacci &amp; Partners SpA, Corso Regio Parco 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> B60G 5/053, 5/03

(11) WO 2004/094170 (13) A1

(21) PCT/SE2004/000370

(22) 15 Mar/mar 2004 (15.03.2004)

(25) sv (26) en

(30) 0301191-3 24 Apr/avr 2003 SE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WHEEL SUSPENSION FOR VEHICLES

- SUSPENSION DE ROUE POUR VEHICULES

(71) VOLVO LASTVAGNAR AB [SE/SE]; S-405 08 Göteborg (SE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PREIJERT, Stefan [SE/SE]; Uddevallagatan 29, S-416 17 Göteborg (SE).

(74) ALBIHNS GÖTEBORG AB; Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60H 1/00

(11) WO 2004/094171 (13) A1

(21) PCT/DE2004/000831

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de (26) de

(30) 103 18 174.1 22 Apr/avr 2003 DE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HEAT EXCHANGING DEVICE FOR LARGE-VOLUME VEHICLE PASSENGER COMPARTMENTS AND METHOD FOR OPERATING A HEAT EXCHANGING DEVICE

• DISPOSITIF DE TRANSFERT DE CHALEUR POUR HABITACLES DE GROS VOLUME ET PROCEDE POUR FAIRE FONCTIONNER CE DISPOSITIF

(71) WEBASTO AG [DE/DE]; Kraillinger Strasse 5, 82131 Stockdorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHEID, Helmut [DE/DE]; Am Vogelherd 16, 86920 Denklingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> B60J 7/02

(11) WO 2004/094172 (13) A1

(21) PCT/CN2003/000291

(22) 22 Apr/avr 2003 (22.04.2003)

(25) zh (26) zh

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STEEL WIRE NETAWNING MECHANICAL MOVING TYPE THEFTPROOF AND RAINPROOF DEVICE

• DISPOSITIF ASSURANT UNE PROTECTION CONTRE LE VOL ET CONTRE LA PLUIE, EN FORME D'AUVANT CONSTITUE D'UN TREILLIS DE FILS D'ACIER, POUVANT ETRE DEPLACÉ DE MANIÈRE MECANIQUE

(71, 72) HE, Shaoyu [CN/CN]; N<sup>o</sup> 46, Nanpingzheng Street, Nan'an District, Chongqing, Sichuan 400060 (CN).

(74) HUAHE & PARTNERS; Room 909, Huibin Building, N<sup>o</sup> 8 Beichendong Street, Chaoyang District, Beijing 100101 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60J 10/00

(11) WO 2004/094173 (13) A2

(21) PCT/US2004/010759

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/417,039 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF AFFIXING A PREFORMED GASKET AND GASKET USED THEREFOR

• PROCEDE DE FIXATION D'UN JOINT PREFORME ET JOINT CORRESPONDANT UTILISE

(71) PILKINGTON NORTH AMERICA, INC. [US/US]; 811 Madison Avenue, Toledo, OH 43697 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ASH, Charles, E. [US/US]; 598 South Ridge, Perrysburg, OH 43551 (US). HICKS, Thomas, S. [US/US]; 2300 Cronk Road, Allen, MI 49227 (US).

(74) SCHURR, Donald, A. et al. / etc.; Marshall & Melhorn, LLC, Four SeaGate, 8th Floor, Toledo, OH 43604 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> B60K 31/00, 6/04, F02N 11/08

(11) WO 2004/094174 (13) A1

(21) PCT/DE2003/001328

(22) 24 Apr/avr 2003 (24.04.2003)

(25) de (26) de

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTROL UNIT FOR IMPROVED UTILIZATION OF THE MOMENT OF INERTIA DURING DRIVING (NTF)

• COMMANDE DESTINEE A UNE MEILLEURE EXPLOITATION DU MOMENT D'INERTIE LORS DE LA CONDUITE (NTF)

(71, 72) WILKENS, Harald [DE/DE]; Kohlmarkt 19, 38100 Braunschweig (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> B60K 37/00, B62D 1/16

(11) WO 2004/094175 (13) A1

(21) PCT/US2004/008838

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/403,603 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INSTRUMENT PANEL ASSEMBLY AND METHOD OF FORMING SAME

- ENSEMBLE TABLEAU DE BORD ET PROCEDE DE FABRICATION DUDIT TABLEAU DE BORD
- (71) **DOW GLOBAL TECHNOLOGIES INC.** [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LORENZO, Luis** [US/US]; 1908 Ramble Lane, Midland, MI 48640 (US). **CHAPMAN, David, L.** [US/US]; 369 Greenshield, Lake Orion, MI 48360 (US).
- (74) **CHAPPLE, Scott, A.**; Dobrusin & Thenisch PC, Suite 311, 401 South Old Woodward Avenue, Birmingham, MI 48009 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- (51)<sup>7</sup> **B60K 41/22, 41/28**
- (11) **WO 2004/094177** (13) A1  
(21) PCT/EP2004/002386  
(22) **9 Mar/mar 2004 (09.03.2004)**  
(25) de (26) de  
(30) 103 18 033.8 **19 Apr/avr 2003 DE (19.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR OPERATING A DRIVE TRAIN OF A MOTOR VEHICLE  
• PROCEDE POUR FAIRE FONCTIONNER LA CHAÎNE CINEMATIQUE D'UN VEHICULE
- (71) **DAIMLERCHRYSLER AG** [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOLLENDER, Michael** [DE/DE]; Bunsenstrasse 33, 71032 Böblingen (DE). **RINK, Anton** [DE/DE]; Riegeläckerstrasse 16, 75365 Calw-Stammheim (DE). **SCHÄFER, Joachim** [DE/DE]; Fasanenweg 10, 73642 Welzheim (DE).
- (74) **KOCHER, Klaus-Peter et al. / etc.**; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> **B60N**
- (11) **WO 2004/094179** (13) A2  
(21) PCT/US2004/005416  
(22) **24 Feb/fév 2004 (24.02.2004)**  
(25) en (26) en  
(30) 10/396,882 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SEAT BACK RECLINER FOR VEHICLES  
• DISPOSITIF D'INCLINAISON DE DOSIER DE SIEGE POUR VEHICULES
- (63) US 10/396,882 (CON)  
25 Mar/mar 2003 (25.03.2003)
- (71) **PORTER GROUP, LLC** [US/US]; Cabot Technology Centre, 28700 Cabot Drive, Suite 800, Novi, MI 48377 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHIU, Wen, H.** [CN/US]; 17218 Brookview Drive, Livonia, MI 48152 (US). **MURPHY, Karl, A.** [GB/US]; 47531 Greenwich Drive, Novi, MI 48374 (US).
- (74) **KUSHMAN, James, A. et al. / etc.**; Brooks Kushman, 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- (51)<sup>7</sup> **B60L 9/08**
- (11) **WO 2004/094178** (13) A1  
(21) PCT/CH2004/000225  
(22) **14 Apr/avr 2004 (14.04.2004)**  
(25) en (26) en  
(30) 03405281.1 **22 Apr/avr 2003 EP (22.04.2003)**
- Published / Publiée : (c)
- (51)<sup>7</sup> **B60K 41/00, F16H 61/10**
- (11) **WO 2004/094176** (13) A1  
(21) PCT/SE2004/000400  
(22) **18 Mar/mar 2004 (18.03.2004)**  
(25) sv (26) en  
(30) 0301198-8 **24 Apr/avr 2003 SE (24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD TO CONTROL THE SUPERCHARGE IN A COMBUSTION ENGINE AND A VEHICLE WITH A SUPERCHARGED COMBUSTION ENGINE WITH ELECTRONIC CONTROL UNITS FOR CONTROLLING THE SUPERCHARGE  
• PROCEDE DE REGULATION DE LA SURALIMENTATION DANS UN MOTEUR A COMBUSTION INTERNE ET VEHICULE POSSEDANT UN MOTEUR A COMBUSTION INTERNE A SURALIMENTATION POURVU D'UNITES DE REGULATION ELECTRONIQUES POUR LA REGULATION DE LA SURALIMENTATION
- (71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08 Göteborg (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERGLUND, Sixten** [SE/SE]; Björkstigen 7, S-423 53 Torslanda (SE). **ERIKSSON, Anders** [SE/SE]; Lövsogsgatan 14, S-413 20 Göteborg (SE). **STEEN, Marcus** [SE/SE]; Fotbollsvägen 31, S-424 33 Angered (SE). **UDD, Sören** [SE/SE]; Pilörtsvägen 3, S-440 45 Nödinge (SE).
- (74) **FRÖHLING, Werner**; Volvo Technology Corporation, Corporate Patents, 06820, M1.7, S-405 08 Göteborg (SE).

SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> B60N 2/16

(11) WO 2004/094180 (13) A1

(21) PCT/JP2004/005718

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003/115956 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HEIGHT ADJUSTING DEVICE FOR CAR SEAT

• DISPOSITIF DE REGLAGE DE HAUTEUR POUR SIEGE AUTOMOBILE

(71) TS TECH CO., LTD. [JP/JP]; 7-27, Sakae-cho 3-chome, Asaka-shi, Saitama 351-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIDA, Masami [JP/JP]; c/o Technical Center, TS Tech Co., Ltd., 118-1, Oaza Ota, Takanezawa-machi, Shioya-gun, Tochigi 329-1217 (JP).

(74) TAKESHITA, Kazuo; c/o Takeshita Patent Office, 4F, Wing Hongoku Building, 4-4-11, Nihonbashi Hongoku-cho, Chuo-ku, Tokyo 103-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60N 2/16, A47C 7/02

(11) WO 2004/094181 (13) A1

(21) PCT/JP2004/005722

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003/115957 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HEIGHT-ADJUSTING DEVICE FOR AUTOMOBILE SEAT

• DISPOSITIF D'AJUSTEMENT DE HAUTEUR POUR SIEGE DE VEHICULE AUTOMOBILE

(71) TS TECH CO., LTD. [JP/JP]; 7-27, Sakae-cho 3-chome, Asaka-shi, Saitama 351-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIDA, Masami [JP/JP]; c/o Technical Center, TS Tech Co., Ltd., 118-1, Oaza Ota, Takanezawa-machi, Shioya-gun, Tochigi 329-1217 (JP).

(74) TAKESHITA, Kazuo; c/o Takeshita Patent Office, 4F, Wing Hongoku Building, 4-4-11, Nihonbashi Hongoku-cho, Chuo-ku, Tokyo 103-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60N 2/235

(11) WO 2004/094182 (13) A1

(21) PCT/EP2004/004026

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 18 551.8 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FITTING FOR A VEHICLE SEAT

• GARNITURE POUR UN SIEGE DE VEHICULE

(71) KEIPER GMBH & CO. KG [DE/DE]; Hertelsbrunnring 2, 67657 Kaiserslautern (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRAUS, Martin [DE/DE]; Am Hofacker 29, 67806 Katzenbach (DE). KREUELS, Olaf [DE/DE]; Jacobystrasse 53, 66482 Zweibrücken (DE).

(74) HELD, Thomas; Hosentien-Held und Held, Klopstockstrasse 63-65, 70193 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60N 2/28

(11) WO 2004/094183 (13) A1

(21) PCT/US2004/008064

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/457,306 26 Mar/mar 2003 US (26.03.2003)

(30) 10/798,895 12 Mar/mar 2004 US (12.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CHILD SEAT COVER

• COUVERTURE DE SIEGE POUR ENFANTS

(71) GRACO CHILDREN'S PRODUCTS INC. [US/US]; 150 Oaklands Boulevard, Exton, PA 19341 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUNK, Kelly, L. [US/US]; 10 Hilldale Road, Pequea, PA 17565 (US).

(74) KILE, Mary, Michelle et al. / etc.; Foley & Lardner LLP, Washington Harbour, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(f) for all designations / pour toutes les  
designations

(51)<sup>7</sup> B60N 2/48, B60R 21/01

(11) WO 2004/094184 (13) A1

(21) PCT/DE2004/000288

(22) 17 Feb/fév 2004 (17.02.2004)

(25) de (26) de

(30) 103 17 637.3 17 Apr/avr 2003 DE  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR TRIGGERING AN AC-  
TIVE HEADREST IN A VEHICLE

• DISPOSITIF POUR AMORCER UN  
APPUIE-TÊTE ACTIF DANS UN VEHI-  
CULE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-  
fach 30 02 20, 70442 Stuttgart (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) EISELE, Sybille [DE/DE]; Kon-  
rad-Adenauer-Str. 16a, 31139 Hildesheim  
(DE). ROELLEKE, Michael [DE/DE];  
Hirschlandener Strasse 66, 71229 Leonberg  
(DE). KOEHLER, Armin [DE/DE]; An der  
Steige 86, 74343 Sachsenheim (DE). WALZ,  
Volker [DE/DE]; Ziegelbergstr. 10, 74321  
Bietigheim-Bissingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60P 1/44

(11) WO 2004/094185 (13) A1

(21) PCT/IT2003/000561

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(30) RM2003A000187 24 Apr/avr 2003 IT  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANTI-INJURY PROTECTION DEVICE  
FOR HYDRAULIC LOADING PLAT-  
FORMS

• DISPOSITIF DE PROTECTION  
CONTRE LES BLESSURES DESTINE  
A DES PLATES-FORMES DE CHAR-  
GEMENT HYDRAULIQUES

(71, 72) CASTORINO, Paolo [IT/IT]; Viale Ip-  
pocrate, 51, I-00161 Roma (IT).

(74) MASCIOLI, Alessandro; Via Leonina, 26,  
I-00184 Roma (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B60Q 1/40

(11) WO 2004/094186 (13) A1

(21) PCT/GB2004/001598

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308912.5 17 Apr/avr 2003 GB  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SIGNAL APPARATUS FOR VEHICLE

• APPAREIL DE SIGNALISATION POUR  
UN VEHICULE

(71) TRW LIMITED [GB/GB]; Stratford Road,  
Solihull, West Midlands B90 4AX (GB).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) OYAIDE, Andrew, Oghenovo  
[GB/GB]; 28 Farmer Road, Birmingham  
B10 9JB (GB).

(74) BARKER, Brettell; 138 Hagley Road, Edg-  
baston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B60R

(11) WO 2004/094187 (13) A2

(21) PCT/US2004/010931

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 60/464,072 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOUNT FOR TRUCK MOUNTED AT-  
TENUATOR

• FIXATION POUR UN AMORTISSEUR  
MONTE SUR CAMION

(71) ENERGY ABSORPTION SYSTEMS,  
INC. [US/US]; One East Wacker drive,  
Chicago, IL 60601 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WELCH, James, B. [US/US]; 6703  
Long Avenue, Placerville, CA 95667 (US).  
WILKINSON, Doug, E. [US/US]; 6820  
Wise Road, Auburn, CA 95603 (US).

(74) STOVER, Andrew, D.; Brinks, Hofer,  
Gilson & Lione, P.O.Box 10087, Chicago, IL  
60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B60R

(11) WO 2004/094188 (13) A2

(21) PCT/US2004/012089

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,595 17 Apr/avr 2003 US  
(17.04.2003)

(30) 10/826,437 16 Apr/avr 2004 US  
(16.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BELT AND SIDE IMPACT INFLATOR

• SYSTEME DE GONFLAGE POUR  
CHOCS LATERAUX ET POUR CEIN-  
TURE DE SECURITE

(71) AUTOMOTIVE SYSTEMS LABORA-  
TORY, INC. [US/US]; 27200 Haggerty  
Road, Suite B-12, Farmington Hills, MI  
48331 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) QUIOC, Eduardo, L.; 36640 Rolf Street,  
Westland, MI 48486 (US). WHANG, David,  
S.; 1820 West Bend Drive, Bloomfield, MI  
48302 (US). KHANDHADIA, Paresh, S.;  
6697 Redford Circle, Troy, MI 48098 (US).

(74) BEGIN, Laurence, C.; 510 Highland Av-  
enue, PMB 403, Milford, MI 48381-1586  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R

(11) WO 2004/094189 (13) A2

(21) PCT/US2004/002432

(22) 28 Jan/jan 2004 (28.01.2004)

(25) en (26) en

(30) 10/412,530 11 Apr/avr 2003 US (11.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUBSTITUTED BASIC METAL NITRATES IN GAS GENERATION

• NITRATES DE METAUX BASIQUES SUBSTITUES EN GENERATION DE GAZ

(71) AUTOLIV ASP, INC. [US/US]; 3350 Airport Road, Ogdan, UT 84405 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MENDENHALL, Ivan, V. [US/US]; 643 East Center Street, Providence, UT 84332 (US). TAYLOR, Robert, D. [US/US]; 356 South Rosewood Drive, Hyrum, UT 84319 (US).

(74) KOTTIS, Nick, C.; Pauley Petersen & Erickson, Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B60R

(11) WO 2004/094190 (13) A2

(21) PCT/US2004/003870

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 10/419,949 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AIRBAG DEPLOYMENT SENSOR TAPE FOLDING LOOM

• DISPOSITIF DE PLIAGE DE BANDE DE CAPTEUR DE DEPLOIEMENT D'AIRBAG

(71) KEY SAFETY SYSTEMS, INC. [US/US]; 7000 Nineteen Mile Road, Sterling Heights, MI 48314 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEMBLER, Edward, R. [US/US]; 4706 West Price Avenue, Tampa, FL 33611-3347 (US).

(74) DRAYER, Lonnie, R. et al. / etc.; Key Safety Systems, Inc., 5300 Allen K. Breed Highway, Lakeland, FL 33811-1130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R

(11) WO 2004/094191 (13) A2

(21) PCT/US2004/003871

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 10/419,904 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TUBULAR DUAL STAGE INFLATOR

• DISPOSITIF TUBULAIRE DE GONFLEMENT EN DEUX PARTIES

(71) KEY SAFETY SYSTEMS, INC. [US/US]; 7000 Nineteen Mile Road, Sterling Heights, MI 48314 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CANTERBERRY, J., B. [US/US]; 768 Kingston Court, Apollo Beach, FL 33576 (US). LAM, Keith [US/US]; 2572 Chelsea Dr., Apt. 108, Woodridge, IL 30517 (US).

(74) DRAYER, Lonnie, R.; Key Safety Systems, Inc., 5300 Allen K. Breed Highway, Lakeland, FL 33811-1130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 1/08, 1/02

(11) WO 2004/094192 (13) A1

(21) PCT/FR2003/000999

(22) 1 Apr/avr 2003 (01.04.2003)

(25) fr (26) fr

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LATERAL OBSERVATION DEVICE FOR A MOTOR VEHICLE

• DISPOSITIF D'OBSERVATION LATÉRALE POUR VÉHICULE AUTOMOBILE

(71, 72) GALLAND, Jean-Claude [FR/FR]; Le Clapier de la Verrerie, F-83149 BRAS (FR). GALLAND, Hervé [FR/FR]; 19 rue de la Tourelle, F-92100 BOULOGNE (FR).

(74) HAUTIER, Jean-Louis; Office Méditerranéen de Brevets d'Invention et de Marques - Cabinet Hautier, 24, rue Masséna, F-06000 Nice (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 3/02

(11) WO 2004/094193 (13) A1

(21) PCT/GB2004/001465

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0309022.2 22 Apr/avr 2003 GB (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ACCESS LADDER

• ECHELLE D'ACCES

(71, 72) SORRELL, Robert [GB/GB]; 184 Burrow Road, Chigwell, Essex IG7 4NH (GB). SORRELL, Janet [GB/GB]; 184 Burrow Road, Chigwell, Essex IG7 4NH (GB).

(74) HIRSZ, Christopher, Stanislaw; Hepworth Lawrence Bryer & Bizley, Merlin House, Flaconry Court, Baker's Lane, Epping, Essex CM16 5DQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B60R 9/058, F16B 7/18

(11) WO 2004/094194 (13) A1

(21) PCT/US2004/011701

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,291 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SECUREMENT MECHANISM IN-  
CLUDING TOP LOADING TIE DOWN  
CLEAT ASSEMBLY AND LOCKING  
MEMBER

• MECANISME DE FIXATION COM-  
PORTANT UN ENSEMBLE TAQUET  
D'ARRIMAGE ET ELEMENT DE BLO-  
CAGE

(71) SPORTRACK, LLC [US/US]; Sterling  
Town Center, 12900 Hall Road, Suite 200,  
Sterling Heights, MI 48313 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CUNNINGHAM, Michael, P. [US/US];  
16031 Curtis Street, Roseville, MI 48066  
(US). HERBERTS, John, H. [US/US];  
21164 Glenview Court, Macomb, MI 48044  
(US). MILLER, Dennis, E. [US/US]; 951  
Heather Lake Drive, Clarkston, MI 48348  
(US).

(74) STEWART, Michael, B.; Rader, Fishman  
& Grauer PLLC, 39533 Woodward Avenue,  
Suite 140, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> B60R 21/01

(11) WO 2004/094195 (13) A1

(21) PCT/DE2004/000286

(22) 17 Feb/fév 2004 (17.02.2004)

(25) de (26) de

(30) 103 17 640.3 17 Apr/avr 2003 DE  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR TRIGGERING RE-  
STRAINT MEANS

• DISPOSITIF POUR DÉCLENCHER DES  
MOYENS DE RETENUE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-  
fach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LOECKLE, Gerhard [DE/DE]; Neue  
Weingarten 8, 71634 Ludwigsburg (DE).  
MARCHTHALER, Reiner [DE/DE]; Kas-  
tanienweg 13, 73333 Gingen (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02  
20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> B60R 21/01, G06K 9/00, G08B 13/194,  
13/196

(11) WO 2004/094196 (13) A1

(21) PCT/DE2004/000305

(22) 19 Feb/fév 2004 (19.02.2004)

(25) de (26) de

(30) 103 18 500.3 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE AND METHOD FOR CALI-  
BRATING AN IMAGE SENSOR

• DISPOSITIF ET PROCÉDE DE CALI-  
BRAGE D'UN CAPTEUR D'IMAGES

(71) ROBERT BOSCH GMBH [DE/DE]; Post-  
fach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BOTHE, Hans-Dieter [DE/DE]; Born-  
str. 67, 30926 Seelze (DE). ABRAHAM,  
Steffen [DE/DE]; Kronprinzestr. 3, 31134  
Hildesheim (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02  
20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> B60R 21/13

(11) WO 2004/094197 (13) A1

(21) PCT/DE2004/000818

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de (26) de

(30) 103 18 594.1 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ROLL-OVER PROTECTION DEVICE  
FOR A MOTOR VEHICLE

• STRUCTURE DE PROTECTION POUR  
VEHICULE AUTOMOBILE

(71) WILHELM KARMANN GMBH  
[DE/DE]; Karmannstrasse 1, 49084 Os-  
nabrück (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BUNSMANN, Winfried [DE/DE];  
Stiegtweg 5, 49143 Bissendorf (DE).  
BROCKHOFF, Franz, Ulrich [DE/DE];  
Dürerstrasse 63, 49565 Bramsche (DE).  
HOGE, Stefan [DE/DE]; Im Hasetal 4,  
49143 Bissendorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60R 21/16

(11) WO 2004/094198 (13) A1

(21) PCT/EP2004/004289

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) GB 0309306.9 24 Apr/avr 2003 GB  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVEMENTS IN OR RELATING  
TO A METHOD OF PACKAGING AN  
AIR-BAG

• AMÉLIORATIONS APPORTÉES A UN  
PROCÉDE D'EMBALLAGE DE SACS  
GONFLABLES

(71) AUTOLIV DEVELOPMENT AB [SE/SE];  
Wallentinsvägen 22, S-447 38 Vargarda (SE).  
(for all designated States except / pour tous  
les États désignés sauf US)



(72, 75) **BÖRJE, Jacobsson** [SE/SE]; Källgatan 4B, S-50731 Brämhult (SE). **HAKAN, Jacconelli** [SE/SE]; Götagatan 20, S-44139 Alingsås (SE).

(74) **MÜLLER, Torsten-Peter**; Autoliv GmbH, Otto-Hahn-Strasse 4, 25337 Elmshorn (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B60R 21/16

(11) WO 2004/094199 (13) A1

(21) PCT/GB2004/001641

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 03252579.2 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN AIRBAG ARRANGEMENT  
• EQUIPEMENT D'AIRBAG

(71) **AUTOLIV DEVELOPMENT AB** [SE/SE]; S-447 83 Vargårda (SE).  
(for all designated States except / pour tous les États désignés sauf US)

(71) **PARRY, Simon, J.** [GB/GB]; Forrester House, 52 Bounds Green Road, London N11 2EY (GB).  
(only for / seulement pour TG)

(72, 75) **BOSTROM, Ola** [SE/SE]; Ostgotagatan 5, S-441 57 Alingsås (SE). **HALAND, Yngve** [SE/SE]; Fagelstracket 24, S-239 40 Falsterbo (SE).

(74) **PARRY, Simon, J.**; Forrester Ketley & Co, Forrester House, 52 Bonds Green Road, London N11 2EY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 21/26

(11) WO 2004/094200 (13) A1

(21) PCT/DE2004/000814

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 18 888.6 17 Apr/avr 2003 DE (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GAS GENERATOR FOR AN OCCUPANT PROTECTION SYSTEM OF A VEHICLE  
• GENERATEUR DE GAZ POUR SYSTEME DE PROTECTION DES PASSAGERS D'UN VEHICULE

(71) **TAKATA-PETRI (ULM) GMBH** [DE/DE]; Lise-Meitner-Strasse 3, 89081 Ulm (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEUDORFER, Benedikt** [DE/DE]; Bahnstrasse 1, 89278 Nersingen (DE).

(74) **GROSS, Felix**; Patentanwälte Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 21/28, 21/20

(11) WO 2004/094201 (13) A1

(21) PCT/US2004/003868

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 10/414,101 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AIRBAG MODULE WITH CONTROLLED VENTING OF INFLATION GAS  
• MODULE D'AIRBAG A EVACUATION CONTREE DE GAZ DE GONFLEMENT

(71) **KEY SAFETY SYSTEMS, INC.** [US/US]; 7000 Nineteen Mile Road, Sterling Heights, MI 48314 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FORD, Brian** [US/US]; 143 Lodewyck, Mt. Clemens, MI 48043 (US).

(74) **DRAYER, Lonnie, R. et al.** / etc.; Key Safety Systems, Inc., 5300 Allen K. Breed Highway, Lakeland, FL 33811-1130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60R 21/32

(11) WO 2004/094202 (13) A1

(21) PCT/US2003/040009

(22) 17 Dec/déc 2003 (17.12.2003)

(25) en (26) en

(30) 10/391,577 20 Mar/mar 2003 US (20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR MONITORING AIRBAG DEPLOYMENT  
• DISPOSITIF POUR SURVEILLER LE DEPLOIEMENT D'UN COUSSIN GONFLABLE

(71) **KEY SAFETY SYSTEMS, INC.** [US/US]; 7000 Nineteen Mile Road, Sterling Heights, MI 48314 (US).

(72) **HUSBY, Harald, S.**; 5625 Emerald Ridge Road, Lakeland, FL 33813 (US).

(74) **DRAYER, Lonnie, R.**; Key Safety Systems, Inc., 5300 Old Tampa Highway, Lakeland, FL 33811-1130 (US).

(81) AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for the following designations / pour les désignations suivantes : AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(51)<sup>7</sup> B60R 21/34

(11) WO 2004/094203 (13) A1

(21) PCT/SE2004/000598

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 0309308.5 24 Apr/avr 2003 GB (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A SAFETY DEVICE  
• DISPOSITIF DE SECURITE

(71) **AUTOLIV DEVELOPMENT AB** [SE/SE]; S-447 83 Vårgårda (SE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAGLUND, Lennart** [SE/SE]; Korsnåbbsgatan 5, S-447 32 Vårgårda (SE).

(74) **MEULLER, Erik**; Autoliv Development AB, S-447 83 Vårgårda (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **B60R 21/34**
- (11) **WO 2004/094204** (13) A1
- (21) PCT/SE2004/000599
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) en (26) en
- (30) 0309307.7 **24 Apr/avr 2003** GB  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A SAFETY DEVICE  
• DISPOSITIF DE SECURITE
- (71) **AUTOLIV DEVELOPMENT AB [SE/SE];** S-477 83 Vårgårda (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HAGLUND, Lennart [SE/SE];** Korsnåbbsgatan 5, S-447 32 Vårgårda (SE).
- (74) **MEULLER, Erik;** Autoliv Development AB, S-477 83 Vårgårda (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **B60R 25/02**
- (11) **WO 2004/094205** (13) A1
- (21) PCT/JP2004/005533
- (22) **19 Apr/avr 2004 (19.04.2004)**
- (25) ja (26) ja
- (30) 2003-116894 **22 Apr/avr 2003** JP  
(22.04.2003)
- (30) 2003-145024 **22 May/mai 2003** JP  
(22.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • STEERING LOCK DEVICE  
• DISPOSITIF ANTIVOL DE DIRECTION
- (71) **NSK LTD. [JP/JP];** 6-3, Ohsaki 1-Chome, Shinagawa-Ku, Tokyo, 1418560 (JP). **NSK STEERING SYSTEMS CO. LTD. [JP/JP];** 6-3, Ohsaki 1-Chome, Shinagawa-Ku, Tokyo, 1418560 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HIBINO, Tadashi [JP/JP];** c/o NSK STEERING SYSTEMS CO., LTD. 8-1, Soja-Machi 1-Chome, Maebashi-Shi, Gunma, 3710853 (JP). **NEGISHI, Takeshi [JP/JP];** c/o NSK STEERING SYSTEMS CO., LTD. 8-1, Soja-Machi 1-Chome, Maebashi-Shi, Gunma, 3710853 (JP). **KURITA, Kenji [JP/JP];** c/o NSK STEERING SYSTEMS CO., LTD. 8-1, Soja-Machi 1-Chome, Maebashi-Shi, Gunma, 3710853 (JP). **KOJIMA, Hideki [JP/JP];** c/o NSK STEERING SYSTEMS CO., LTD. 8-1, Soja-Machi 1-Chome, Maebashi-Shi, Gunma, 3710853 (JP).
- (74) **AGATA, Yuzo;** 13-5, Akasaka 2-Chome, Minato-Ku, Tokyo, 1070052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **B60R 25/10, G08G 1/017**
- (11) **WO 2004/094206** (13) A1
- (21) PCT/GB2004/001760
- (22) **26 Apr/avr 2004 (26.04.2004)**
- (25) en (26) en
- (30) 2003/0309 **24 Apr/avr 2003** IE  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VEHICLE OPERATION CERTIFICATION VERIFICATION SYSTEM AND METHOD  
• SYSTEME ET METHODE DE VERIFICATION DE CERTIFICATION DE FONCTIONNEMENT DE VEHICULE
- (71, 72) **THOMPSON, Milton [GB/IE];** 7 Hill Street, Wexford Town, County Wexford (IE).
- (74) **HAMMERSLEY, John;** Harrison Goddard Foote, Orlando House, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **B60S 1/48**
- (11) **WO 2004/094207** (13) A1
- (21) PCT/SE2004/000620
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) sv (26) en
- (30) 0301189-7 **23 Apr/avr 2003** SE  
(23.04.2003)
- (30) 0302795-0 **23 Oct/oct 2003** SE  
(23.10.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ARRANGEMENT FOR A WASHER SYSTEM FOR VEHICLES AND A METHOD FOR ITS PRODUCTION  
• DISPOSITIF POUR UN SYSTEME DE LAVAGE POUR VEHICULES ET PROCEDE DE PRODUCTION
- (71) **EUS SYSTEM AB [SE/SE];** Klämmagatan 5, S-507 45 Borås (SE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HULTIN, Göran [SE/SE];** Klämmagatan 5, S-507 45 Borås (SE). **LEVANDOWSKI, Henrik [SE/SE];** Alingsåsvägen 16, S-518 30 Sandared (SE).
- (74) **CEGUMARK AB;** P.O. Box 53047, S-400 14 Göteborg (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B60T 11/16**
- (11) **WO 2004/094208** (13) A1
- (21) PCT/JP2004/005725
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) ja (26) ja
- (30) 2003-118945 **23 Apr/avr 2003** JP  
(23.04.2003)
- (30) 2003-118944 **23 Apr/avr 2003** JP  
(23.04.2003)
- (30) 2003-118943 **23 Apr/avr 2003** JP  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PLUNGER-TYPE MASTER CYLINDER  
• MAITRE-CYLINDRE DU TYPE A PISTON
- (71) **BOSCH AUTOMOTIVE SYSTEMS CORPORATION [JP/JP];** 6-7, Shibuya 3-chome, Shibuya-ku, Tokyo, 1508360 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ISHIKAWA, Kazuyoshi [JP/JP];** C/o BOSCH AUTOMOTIVE SYSTEMS CORPORATION 11-6, Shinmei-cho 2-chome, Higashi-Matsuyama-shi, Saitama, 3558602

(JP). ISHIWATA, Ichiro [JP/JP]; C/o BOSCH AUTOMOTIVE SYSTEMS CORPORATION 11-6, Shinmei-cho 2-chome, Higashi-Matsuyama-shi, Saitama, 3558602 (JP). TAIRA, Kazuhisa [JP/JP]; C/o BOSCH AUTOMOTIVE SYSTEMS CORPORATION 11-6, Shinmei-cho 2-chome, Higashi-Matsuyama-shi, Saitama, 3558602 (JP). MASUDA, Tetsuya [JP/JP]; C/o BOSCH AUTOMOTIVE SYSTEMS CORPORATION 11-6, Shinmei-cho 2-chome, Higashi-Matsuyama-shi, Saitama, 3558602 (JP). MIYAHARA, Minoru [JP/JP]; C/o BOSCH AUTOMOTIVE SYSTEMS CORPORATION 11-6, Shinmei-cho 2-chome, Higashi-Matsuyama-shi, Saitama, 3558602 (JP). YANAGI, Kunio [JP/JP]; C/o BOSCH AUTOMOTIVE SYSTEMS CORPORATION 11-6, Shinmei-cho 2-chome, Higashi-Matsuyama-shi, Saitama, 3558602 (JP).

(74) HOSHINA, Toshio; 25-7, Kamoi 1-chome, Yokosuka-shi, Kanagawa, 2390813 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60T 17/08, F16D 66/00

(11) WO 2004/094209 (13) A1

(21) PCT/US2004/008970

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/403,693 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MONITORING THE POWER SPRING OF A SPRING BRAKE ACTUATOR

• PROCEDE DE SURVEILLANCE DU RESSORT MOTEUR D'UN CYLINDRE DE FREIN A RESSORT

(71) INDIAN HEAD INDUSTRIES, INC. [US/US]; 8530 Cliff Cameron Drive, Charlotte, NC 28277 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PLANTAN, Ronald, S. [US/US]; 193 Plantation Drive, Mooresville, NC 28117 (US).

(74) SCOTT, Raymond, E.; Howard & Howard Attorneys, P.C., 39400 Woodward Avenue, Suite 101, Bloomfield Hills, MI 48304-5151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B60V 3/02

(11) WO 2004/094210 (13) A1

(21) PCT/GB2004/001326

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0308665.9 15 Apr/avr 2003 GB (15.04.2003)

(30) 0318976.8 13 Aug/août 2003 GB (13.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOAD TRANSPORTATION

• TRANSPORT DE CHARGE

(71, 72) FOX, Jeremy, Wilfred [GB/GB]; 31 Upper Park Road, Salford M7 4JB (GB).

(74) EVERY, David, Aidan; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B61D

(11) WO 2004/094211 (13) A2

(21) PCT/US2004/007876

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/397,086 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HATCH COVER FOR A RAILROAD HOPPER CAR

• COUVERCLE DE TRAPPE POUR WAGON-TREMIE DE CHEMIN DE FER

(71) MINER ENTERPRISES, INC. [US/US]; 1200 East State Street, P.O. Box 471, Geneva, IL 60134 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAYDOS, Christopher, C. [US/US]; 511 State Street, P.O.Box 65, Maple Park, IL 60151 (US). PALERMO, Michael, R.

[US/US]; 492 S. Bartlett Road, Bartlett, IL 60103 (US).

(74) HARBST, John, W.; 1180 Litchfield Lane, Bartlett, IL 60103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> B62B 3/06

(11) WO 2004/094212 (13) A1

(21) PCT/EP2004/004249

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 18 458.9 23 Apr/avr 2003 DE (23.04.2003)

(30) 203 07 717.2 17 May/mai 2003 DE (17.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FORK-LIFT TRUCK

• CHARIOT ELEVATEUR A FOURCHE

(71) BORRMANN GMBH [DE/DE]; Dorfstrasse 39, 47574 Goch-Nierswalde (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BORRMANN, Hans-Peter [DE/DE]; Dorfstrasse 41, 47574 Goch-Nierswalde (DE).

(74) BERGMANN, Michael; Kreuzkamp & Partner, Rechts- und Patentanwälte, Ludenberger Strasse 1A, 40629 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62D

(11) WO 2004/094213 (13) A2

(21) PCT/US2004/012060

(22) 20 Apr/avr 2004 (20.04.2004)

- (25) en (26) en
- (30) 60/464,287 **21 Apr/avr 2003** US  
(21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SINGLE JAW LATCH MECHANISM FOR FIFTH WHEEL HITCH  
• MECANISME DE VERROUILLAGE A MACHOIRE SIMPLE POUR BOULE DE SELLETTE D'ATTELAGE
- (71) CEQUENT TOWING PRODUCTS, INC. [US/US]; 47774 Anchor Court West, Plymouth, MI 48170 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HOOPES, Michael, A. [US/US]; 501 U.S. 131, Lot 35, White Pigeon, MI 49099 (US). MCCOY, Richard, W. [US/US]; 51159 Deerpath Drive, Granger, IN 46530 (US). LINDENMAN, Thomas, W. [US/US]; 18488 Kern Road, South Bend, IN 46614 (US). ROBERTS, Anthony, S. [US/US]; 52301 Evard Drive, Granger, IN 46530 (US).
- (74) SCHICKLI, Warren, D. et al. / etc.; King & Schickli, PLLC, 247 North Broadway, Lexington, KY 40507 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B62D 1/184
- (11) WO 2004/094214 (13) A1
- (21) PCT/EP2004/001467
- (22) 17 Feb/fév 2004 (17.02.2004)
- (25) de (26) de
- (30) 103 18 034.6 **19 Apr/avr 2003** DE  
(19.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CLAMPING DEVICE FOR THE STEERING COLUMN OF A MOTOR VEHICLE  
• DISPOSITIF DE SERRAGE POUR BLOQUER LA COLONNE DE DIRECTION D'UN VEHICULE AUTOMOBILE
- (71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) EGGERS, Fred [DE/DE]; Am Klöterbusch 39a, 21614 BuXtehude (DE). HARMS, Torsten [DE/DE]; Nincoperstrasse 158, 21129 Hamburg (DE). KITTLER, Holger [DE/DE]; Ludwigstrasse 8, 20357 Hamburg (DE). SAGNER, Sven [DE/DE]; Fuhlsbüttlerstrasse 421, 22309 Hanburg (DE).
- (74) NÄRGER, Ulrike et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> B62J
- (11) WO 2004/094216 (13) A2
- (21) PCT/US2004/011423
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 60/463,986 **18 Apr/avr 2003** US  
(18.04.2003)
- (30) 10/823,464 **13 Apr/avr 2004** US  
(13.04.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ADJUSTABLE BICYCLE SEAT POST ASSEMBLY  
• ENSEMBLE TIGE DE SELLE DE BICYCLETTE REGLABLE
- (71, 72) SICZ, Wayne [US/US]; 612 5th Ave. E., Polson, MT 59860 (US). WISSEMAN, Arlen [US/US]; 100 Wisseman Lane, Polson, MT 59860 (US).
- (74) STEARNS, Robert, L. et al. / etc.; Howard and Howard Attorneys, P.C., 39400 Woodward Avenue, Suite 101, Bloomfield Hills, MI 48304-5151 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B62K
- (11) WO 2004/094217 (13) A2
- (21) PCT/US2004/011612
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 10/414,763 **16 Apr/avr 2003** US  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CLUSTER SPROCKETS FOR BICYCLE TRANSMISSIONS AND OTHER PRIME MOVERS  
• PIGNONS GROUPEES POUR TRANSMISSION DE BICYCLETTES ET AUTRES MOTEURS PREMIERS
- (71) CHATTIN CLUSTER CORP. [US/US]; 664 Oakfield Drive, Brandon, FL 33511 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CHATTIN, Jesse, R.; 7201 S. 49th Avenue, Tampa, FL 33619 (US).
- (74) PENDORF, Stephan, A. et al. / etc.; Pendorf & Cutliff, 5111 Memorial Highway, Tampa, FL 33634-7356 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B62M

(11) WO 2004/094218 (13) A2

(21) PCT/US2004/008859

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/412,397 12 Apr/avr 2003 US (12.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BICYCLE CRANK ARM

- BRAS DE MANIVELLE D'UNE BICYCLETTE

(71, 72) HERMANSEN, Frank [DK/US]; 276 Canyon Acres Drive, Laguna Beach, CA 92651 (US). WINEFORDNER, Carl [US/US]; No.711 Wendt Terrace, Laguna Beach, CA 92651 (US).

(74) TACHNER, Leonard; 17961 Sky Park Circle, Suite 38-E, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62M 3/08

(11) WO 2004/094219 (13) A1

(21) PCT/US2004/004131

(22) 12 Feb/fév 2004 (12.02.2004)

(25) en (26) en

(30) 10/401,086 27 Mar/mar 2003 US (27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PEDAL AND RELATED PEDAL/CLEAT ASSEMBLY

- PEDALE ET ENSEMBLE PE-DALE/CALE CORRESPONDANT

(71) SPEEDPLAY, INC. [US/US]; Suite 107, 10151 Pacific Mesa Boulevard, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRYNE, Richard, M. [US/US]; Suite 107, 10151 Pacific Mesa Boulevard, San Diego, CA 92121 (US).

(74) MARTIN, Brian, D.; Sheppard Mullin Richter & Hampton LLP, 333 South Hope Street, 48th Floor, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62M 11/14

(11) WO 2004/094220 (13) A1

(21) PCT/KR2003/000881

(22) 1 May/mai 2003 (01.05.2003)

(25) en (26) en

(30) 10-2003-0025164 21 Apr/avr 2003 KR (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POWER TRANSMISSION APPARATUS FOR BICYCLE

- APPAREIL DE TRANSMISSION DE PUISSANCE POUR BICYCLETTE

(71) BIKEVALLEY CO., LTD. [KR/KR]; 3rd Fl., Jeongin Bldg., #762, Tanbang-dong, Seo-gu, Taejon 302-859 (KR).

(72) HWANG, Chil-Sung; 1203-ho, 309-dong, Jugong Apt., 2-Block, Taekjigaebalsaeopjigu, Sangyong 2-dong, Cheonan-si (KR).

(74) LEE, Duck-Rog; Yeilpat Bldg., #669-17, Yorksam-dong, Kangnam-ku, Seoul 135-915 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B62M 23/00, B62L 1/04, 3/00, B62H 7/00, B62J 27/00, B62M 13/00

(11) WO 2004/094221 (13) A1

(21) PCT/EP2004/004199

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) BO2003U000050 24 Apr/avr 2003 IT (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR THE REMOTE CONTROL OF THE USE OF A BICYCLE BY A CHILD

- APPAREIL DE TELECOMMANDE POUR COMMANDER UNE BICYCLETTE UTILISEE PAR UN ENFANT

(71) MINGANTI INTERNATIONAL LIMITED [IE/IE]; 20, Clanwilliam Terrace, IE-Dublin (IE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CALDANA, Marcus [SE/IT]; Via dei Giardini, 5, I-40129 Bologna (IT).

(74) PORCIA, Attilio et al. / etc.; Succ. Ing. Fischetti & Weber, Via Caffaro, 3/2, I-16124 Genova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B63B

(11) WO 2004/094222 (13) A2

(21) PCT/US2004/012553

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,092 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • UPPER BEARING SUPPORT ASSEMBLY FOR INTERNAL TURRET

- ENSEMBLE SUPPORT DE PALIER SUPERIEUR POUR TOURELLE INTERNE

(71) FMC TECHNOLOGIES, INC. [US/US]; 200 E. Randolph Street, Chicago, IL 60601 (US).

(72) LINDBLADE, Stephen, P.; 14936 Blinka Road, Waller, TX 77484 (US). DANG, Quoc, A.; 9214 Angelas Meadows Lane, Houston, TX 77095 (US).

(74) QUERY, Henry, C., Jr.; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> B63B 19/00, E06B 5/16  
(11) WO 2004/094223 (13) A1  
(21) PCT/PL2003/000088  
(22) 3 Sep/sep 2003 (03.09.2003)  
(25) en (26) en  
(30) P.359842 24 Apr/avr 2003 PL  
(24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • FIRE-RESISTANT SHIP WINDOW  
• FENETRE DE NAVIRE RESISTANT AU FEU  
(71) ZAKLAD PRODUKCYNY [PL/PL]; "Bohamet" Spółka Jawna, Ciele 91, PL-86-005 Biale Blota (PL).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) MAGDZIARZ, Zbigniew [PL/PL]; ul. Wyrzyska 33, PL-89-240 Kcynia (PL).  
(74) WOJCIESZKO, Jerzy; Kancelaria Patentowa Patent-Partner, ul. B. Rumińskiego 6, P.O. Box No 62, PL-85-001 Bydgoszcz 1 (PL).  
(81) AL AU BG BR BY CA CH CN CU CZ DE DK ES FI GB HR HU ID IL IN JP KR LT LU LV MX NO NZ PT RO RU SE SG SK TR UA US ZA.  
(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- 
- (51)<sup>7</sup> B63B 25/24, F16G 11/12  
(11) WO 2004/094224 (13) A1  
(21) PCT/JP2003/005302  
(22) 24 Apr/avr 2003 (24.04.2003)  
(25) ja (26) ja  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD AND SYSTEM FOR LASHING CARGO BODY IN TRANSPORTATION APPARATUS, AND BELT STRETCHING/SECURING DEVICE FOR USE IN LASHING  
• METHODE ET SYSTEME POUR ARRIMER UN CORPS DE FRET DANS UN APPAREIL DE TRANSPORT, ET DISPOSITIF D'ETIREMENT/FIXATION DE COURROIE A UTILISER DANS UN ARRIMAGE.  
(71) ONOMICHI DOCKYARD CO., LTD. [JP/JP]; Seventh Floor, Tosen Kobe Building, 104, Edo-cho, Chuo-ku, Kobe-shi, Hyogo 650-0033 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) SATO, Hiroshi [JP/JP]; 2830, Minari, Minogo-cho, Onomichi-shi, Hiroshima 722-0215 (JP). SATO, Yoji [JP/JP]; 2695-2, Obara, Harada-cho, Onomichi-shi, Hiroshima 722-0201 (JP).  
(74) KASEGUMA, Hirotoishi; Second Floor, Sanyo Building, 2-6, Minami-machi, Fukuyama-shi, Hiroshima 720-0806 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT
- RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B63B 59/02  
(11) WO 2004/094225 (13) A1  
(21) PCT/GB2004/001567  
(22) 7 Apr/avr 2004 (07.04.2004)  
(25) en (26) en  
(30) 0308971.1 17 Apr/avr 2003 GB  
(17.04.2003)  
(30) 0314629.7 23 Jun/juin 2003 GB  
(23.06.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • FENDER STORAGE SYSTEM  
• SYSTEME DE RANGEMENT DE DÉFENSE  
(71, 72) PLATEL, Keith [GB/GB]; Falkirk Six, Longridge Way, Weston Super Mare, North Somerset BS24 7HR (GB).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B63H  
(11) WO 2004/094226 (13) A2  
(21) PCT/US2004/012242  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 60/464,542 22 Apr/avr 2003 US  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SAILING CRAFT WITH WHEELS  
• PETIT VOILIER A ROUES  
(71) XYPTX, INC. [US/US]; 44 Glen Road, Mountain Lakes, NJ 07046-1102 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) EVELETH, Jason, H. [US/US]; 44 Glen Road, Mountain Lakes, NJ 07046-1102 (US).  
(74) HEFFAN, Ira, V.; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B64C 3/58, 39/10  
(11) WO 2004/094227 (13) A1  
(21) PCT/CA2004/000581  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 2,426,219 22 Apr/avr 2003 CA  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • APPARATUS AND METHOD FOR THE REDUCTION OF DRAG  
• APPAREIL ET PROCEDE PERMETTANT DE DIMINUER LA TRAINEE AERODYNAMIQUE  
(71, 72) WEIR, Frederick, C. [CA/CA]; 179 Curtis Road, Briston, New Brunswick E7L 7H4 (CA).  
(74) MCFADDEN, Fincham et al. / etc.; 225 Metcalfe Street, Suite 606, Ottawa, Ontario K2P 1P9 (CA).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B64D 11/00, A61G 3/00  
(11) WO 2004/094228 (13) A1  
(21) PCT/CH2004/000224  
(22) 13 Apr/avr 2004 (13.04.2004)  
(25) de (26) de  
(30) 715/03 22 Apr/avr 2003 CH  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • LIGHT PLANE IN THE ULTRALIGHT CATEGORY AND SPORT PLANE CATEGORY  
• AVION LEGER DE LA CLASSE ULTRA-LEGERE ET DE LA CATEGORIE SPORTIVE  
(71) LIGHT WING AG [CH/CH]; Spichermatt 14, CH-6370 Stans (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) GYGAX, HANS [CH/CH]; Merkurstrasse 10, CH-4142 Münchenstein (CH).

(74) FELBER & PARTNER AG; Dufourstrasse 116, CH-8034 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B64D 11/06, B60N 2/22

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(21) PCT/US2004/008143

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/396,994 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEAT LOCKING MECHANISMS

• MECANISMES DE VERROUILLAGE DE SIEGE

(71) WEBER AIRCRAFT LP [US/US]; 2000 Weber Drive, Gainesville, TX 76240 (US).

(72) WODAK, Jochem, Wilhelm; 2100 Spencer Road, Apt.2021, Denton, TX 76205 (US). CHEUNG, Tak-Fu; 165 Forest Brook Drive, Apt.321, Lewisville, TX 75067 (US). ANDREWS, Will, Leroy; 806 South Dixon Street, Gainesville, TX 76240 (US).

(74) PRATT, John, S.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309-4530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B64D 47/00

(11) WO 2004/094230 (13) A2

(21) PCT/US2004/012575

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/422,391 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WINDOW MOUNTING FOR OPTICAL SENSOR

• INSTALLATION DE FENETRE POUR DETECTEUR OPTIQUE

(71) RAYTHEON COMPANY [US/US]; 870 Winter Street, Office of the General Counsel, Waltham, MA 02451-1449 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) STALLARD, Charles R.; 18241 Acre Lane, Kemp, Texas 75143 (US). WELLMAN, William H.; 579 Via Rueda, Santa Barbara, California 93110 (US).

(74) SCHUBERT, William C. c/o Raytheon Company; EO/E04/N119, 2000 East El Segundo Boulevard, P. O. Box 902, El Segundo, CA 90245 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B64D 47/06, G02B 6/42, 6/00

(11) WO 2004/094231 (13) A1

(21) PCT/US2004/010026

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/460,376 4 Apr/avr 2003 US (04.04.2003)

(30) 10/740,658 18 Dec/déc 2003 US (18.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LED BASED LIGHT GUIDE FOR AIRCRAFT FORMATION LIGHTING

• GUIDE LUMINEUX A DIODES ELECTROLUMINESCENTES POUR FEUX DE FORMATION

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MACHI, Nicolo, F. [US/US]; 3176 Windy Ridge Drive, Springfield, OH 45502 (US). FERGUSON, Joseph, L. [US/US]; 2443 Northmoor Drive, Springfield, OH 45503 (US). SINGER, Jeffrey, M. [US/US]; 1211 Chaucer Way, Fairborn, OH 45324 (US). MANGUM, Scott, R. [US/US]; 9799 Glasgow Court, Dublin OH 43017 (US).

(74) HOIRIIS, David et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B64G 1/36

(11) WO 2004/094232 (13) A1

(21) PCT/DE2004/000853

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 18 580.1 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND RECEIVER FOR THE SIMULTANEOUS DETECTION AND EVALUATION OF AT LEAST TWO ELECTROMAGNETIC SIGNALS

• PROCÉDÉ ET RÉCEPTEUR POUR SAISIR ET ANALYSER SIMULTANÉMENT AU MOINS DEUX SIGNAUX ÉLECTROMAGNÉTIQUES

(71) EADS ASTRIUM GMBH [DE/DE]; 81663 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KÜHL, Christopher [DE/DE]; Germaniastr. 24, 80805 München (DE). MELF, Markus [DE/DE]; Tegernseer Str. 17, 83677 Reichersbeuern (DE).

(74) ULRICH, Thomas; c/o EADS Deutschland GmbH, Patentabteilung, 81663 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B65B

(11) WO 2004/094233 (13) A2

(21) PCT/US2004/012032

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/417,444 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN ADJUSTABLE DENSITY CONTROL MEANS FOR A BAGGING MACHINE

• MOYENS DE REGLAGE DE LA DENSITE POUR ENSACHEUSE

(71) SRC INNOVATIONS LLC [US/US]; 859 Olney Street, Astoria, OR 97103 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CULLEN, Steven, R. [US/US]; 92305 Highway 202, Astoria, OR 97103 (US).

(74) MCARTHUR, Douglas, W.; Kolisch Hartwell, P.C., 200 Pacific Building, 520 S.W. Yamhill Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65B

(11) WO 2004/094234 (13) A2

(21) PCT/US2004/002347

(22) 28 Jan/jan 2004 (28.01.2004)

(25) en (26) en

(30) 10/419,644 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF ROLL PACKING COMPRESSIBLE MATERIALS

• PROCEDE DE CONDITIONNEMENT EN ROULEAUX DE MATERIAUX COMPRESSIBLES

(71) L & P PROPERTY MANAGEMENT COMPANY [US/US]; 4095 Euclid Blvd., South Gate, CA 90280-3237 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) GECIC, Josip; Miklinovec 2b, 48000 Koprivnica (HR). MOSSBECK, Niels, S.; 1951 Wilson Road, Carthage, MO 64836 (US). WELLS, Thomas, J.; 801 country Club Road, Carthage, MO 64836 (US).

(74) POFFENBERGER, Dwight, J., Jr. et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65B 1/02, B65D 5/06, 43/16

(11) WO 2004/094235 (13) A1

(21) PCT/US2004/005804

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 10/417,488 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FOOD PACKAGING SYSTEM

• SYSTEME DE CONDITIONNEMENT D'ALIMENTS

(71) TETRA LAVAL HOLDINGS & FINANCE, S.A. [CH/CH]; Avenue General-Guisan 70, CH-1009 Pully (CH).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SHEAN, Gary [CA/US]; 531 West Roscoe, Apt. 1F, Chicago, IL 60657 (US).

(72) KACZOR, Brian; 251 North Richards, Palatine, IL 60074 (US). SCHMID, Manfred; Ringstrasse 18, 65439 Florsheim/Main (DE). LJUNGSTROM, Tommy; Ribbgrand 1, S-243 33 Hoor (SE). LEMANSKI, Eric; 2701 North Campbell, Unit 1, Chicago, IL 60647 (US).

(74) WEINSTEIN, Mitchell, J.; Tetra Pak, U.S. Intellectual Property Department, 101 Corporate Woods Parkway, Vernon Hills, IL 60061 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> B65C

(11) WO 2004/094236 (13) A2

(21) PCT/US2004/011945

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/414,828 16 Apr/avr 2003 US (16.04.2003)

(30) 10/697,992 30 Oct/oct 2003 US (30.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FASTENER ASSEMBLY AND METHOD OF MAKING THE SAME

• ENSEMBLE ELEMENTS DE FIXATION ET SON PROCEDE DE FABRICATON

(71) AVERY DENNISON CORPORATION [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COOPER, William, J. [US/US]; 190 Glen Road, Woonsocket, RI 02895 (US). SHILALE, Thomas [US/US]; 232 Yew Street, Douglas, MA 01516 (US). EARLEY, John [US/US]; 23 Samuel Gamwel Road, Northboro, MA 01532 (US).

(74) KRIEGSMAN, Edward, M. et al. / etc.; Kriegsman & Kriegsman, 665 Franklin Street, Framingham, MA 01702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D

(11) WO 2004/094237 (13) A2

(21) PCT/BE2004/000056

(22) 21 Apr/avr 2004 (21.04.2004)

(25) fr (26) fr

(30) 2003/0258 23 Apr/avr 2003 BE (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CLOSURE CAP FOR A BARREL

• COIFFE DE FERMETURE POUR FÛT

(71) GEVAPLAST [BE/BE]; Industriepark 2B, B-9031 Drongen (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEMIL, Marnix [BE/BE]; Watermuntstraat 32, B-9032 Wondelgem (BE). GEVAERT, Patrick [BE/BE]; Vossenberglaan 10, B-9070 Destelbergen (BE).

(74) VAN CUTSEM, Paul; c/o Bureau Van Cutsem, rue Washington 25 Br 3, 1050 Bruxelles (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65D

(11) WO 2004/094238 (13) A2

(21) PCT/EP2004/050543

(22) 16 Apr/avr 2004 (16.04.2004)



- (25) de (26) de  
 (30) 103 18 288.8 **22 Apr/avr 2003** DE  
 (22.04.2003)  
 (30) 103 27 335.2 **16 Jun/juin 2003** DE  
 (16.06.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CLOSING CAP, ESPECIALLY FOR A BOTTLE WHICH CAN BE FILLED WITH EDIBLE OILS  
 • CAPUCHON DE FERMETURE, NOTAMMENT POUR BOUTEILLE POUVANT ETRE REMPLIE D'HUILE DE TABLE
- (71) ERWES REIFENBERG GMBH & CO. KG [DE/DE]; Zum Mondschein 15, 57413 Finnentrop (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ERWES, Rudolf [DE/DE]; Steinstrasse 11, 57413 Finnentrop (DE).
- (74) BRÖTZ, Helmut et al. / etc.; Rieder & Partner, Corneliusstrasse 45, 42329 Wuppertal (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
 (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> B65D  
 (11) WO 2004/094240 (13) A2  
 (21) PCT/US2004/011769  
 (22) 16 Apr/avr 2004 (16.04.2004)  
 (25) en (26) en  
 (30) 10/421,453 **22 Apr/avr 2003** US  
 (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DISPENSER/SPREADER ARTICLE FOR SPACKLING AND PASTE  
 • ARTICLE DE DISTRIBUTION/ETALAGE POUR REBOUCHAGE ET PLATRE ASSOCIE
- (71, 72) OWENS, Richard L. [US/US]; 3213 Woodhaven Court, Conyers, Georgia 30094 (US).
- (74) DOLCE, Marcus P.; Price, Heneveld, Cooper, DeWitt & Litton, LLP, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, Michigan 49501-2567 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D  
 (11) WO 2004/094239 (13) A2  
 (21) PCT/GB2004/001660  
 (22) 16 Apr/avr 2004 (16.04.2004)  
 (25) en (26) en  
 (30) 0309004.0 **17 Apr/avr 2003** GB  
 (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CLOSURE  
 • DISPOSITIF DE FERMETURE
- (71) PORTOLA PACKAGING LIMITED [GB/GB]; 3 Carriage Drive, White Rose Way, Doncaster, South Yorkshire DN4 5NT (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MAVIN, Gerry [GB/GB]; 26 Home Farm Close, Ashington, Northumberland NE63 8QX (GB). STEPHENSON, Timothy [GB/GB]; 4 Castle Avenue, Rossington, Doncaster, South Yorkshire DN11 0FF (GB).
- (74) McLEISH, Nicholas, Alistar, Maxwell et al. / etc.; Boulton Wade Tennant, Verulam Gardens, 70 Gray's inn road, London WC1X 8BT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRSCHL, Sanford, D. [US/US]; 2125 Howard Avenue, San Carlos, CA 94070 (US). RAILEY, Cody, D. [US/US]; 3113 Appling Way, Durham, NC 27703 (US).
- (74) SACHS, Robert, R. et al. / etc.; Fenwick & West LLP, 801 California Street, Mountain View, CA 94041 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D  
 (11) WO 2004/094242 (13) A2  
 (21) PCT/US2004/003744  
 (22) 9 Feb/fév 2004 (09.02.2004)  
 (25) en (26) en  
 (30) 10/418,925 **18 Apr/avr 2003** US  
 (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • UNIVERSAL BOX TOP LID  
 • COUVERCLE DE BOITE UNIVERSEL
- (71) BUDDEEZ, INC. [US/US]; 1106 Crosswinds Court, Wentzville, MO 63385 (US).
- (72) HALL, Charles E.; 2531 Country Pointe Lane, Wentzville, MO 63385 (US). HALL, William A.; 6 Big Country Circle, O'Fallon, MO 63366 (US). HALL, Steven C.; 1468 Lake Knoll Drive, Lake St. Louis, MO 63367 (US). REDDY, Michael J.; 845 Jamaica Place, Florissant, MO 63033 (US).
- (74) ROLNICKI, Joseph M.; Thompson Coburn LLP, One US Bank Plaza, St. Louis, MO 63101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D  
 (11) WO 2004/094241 (13) A2  
 (21) PCT/US2004/012638  
 (22) 22 Apr/avr 2004 (22.04.2004)  
 (25) en (26) en  
 (30) 60/465,280 **23 Apr/avr 2003** US  
 (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ANTI-THEFT PRODUCT DISPLAY DEVICE  
 • DISPOSITIF ANTIVOL DE PRESENTATION DE PRODUIT
- (71) INTUIT INC. [US/US]; 2535 Garcia Avenue, Mountain View, CA 94043 (US).
- 
- (51)<sup>7</sup> B65D  
 (11) WO 2004/094243 (13) A2  
 (21) PCT/US2004/004068  
 (22) 12 Feb/fév 2004 (12.02.2004)

- (25) en (26) en  
(30) 10/413,104 14 Apr/avr 2003 US  
(14.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CLOSURE WITH ENHANCED REMOVAL CAPABILITY  
• DISPOSITIF DE FERMETURE A RETRAIT AMELIORE
- (71) SEAQUIST CLOSURES FOREIGN, INC. [US/US]; 475 West Terra Cotta, Crystal Lake, IL 60014 (US).
- (72) HICKS, Marge, M.; S78 W 36930 Wilton Road, Eagle, WI 53119 (US). HAMMOND, James, W.; 134 Chestnut Way, North Prairie, WI 53153 (US). HICKOK, Alan, P.; 2624 Emslie Drive, Waukesha, WI 53188 (US).
- (74) ODELL, Paul, M. et al. / etc.; Wood, Phillips, Katz, Clark & Mortimer, Citicorp Center, Suite 3800, Chicago, IL 60661-2511 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D  
(11) WO 2004/094244 (13) A2  
(21) PCT/US2004/005355  
(22) 24 Feb/fév 2004 (24.02.2004)  
(25) en (26) en  
(30) 10/413,543 14 Apr/avr 2003 US  
(14.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TAMPER-EVIDENT CONTAINER  
• CONTENANT INVIOLE
- (71) PLASTICAN, INC. [US/US]; 196 Industrial Road, Leominster, MA 01453 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) CONTI, Rino; 605 School Street, Stoughton, MA 02072 (US).
- (74) PANDISCIO, Nicholas, A.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 1/24  
(11) WO 2004/094246 (13) A2  
(21) PCT/EP2004/004285  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) de (26) de  
(30) 103 18 195.4 22 Apr/avr 2003 DE  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PACKAGING UNIT FOR BEVERAGES AND EXTERNAL PACKAGING FOR THE SAME  
• UNITE D'EMBALLAGE POUR BOISSONS, ET EMBALLAGE EXTERNE CORRESPONDANT
- (71) SCHOELLER WAVIN SYSTEMS SERVICES GMBH [DE/DE]; Zugspitzstrasse 15, 82049 Pullach (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OSTER, Heinz [DE/DE]; Emanuel-Strasse, 6a, 82319 Starnberg (DE). SCHULZ, Wolfgang [DE/DE]; Münchener Strasse, 59, 83022 Rosenheim (DE).
- (74) GROSSE BOCKHORN SCHUMACHER et al. / etc.; Forstenrieder Allee 59, 81476 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 5/32  
(11) WO 2004/094247 (13) A2  
(21) PCT/FR2004/000956  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) fr (26) fr  
(30) 03/04883 18 Apr/avr 2003 FR  
(18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CARDBOARD PRESENTATION BOX WITH AN OPENING IN THE FRONT FACE THEREOF  
• BOÎTE EN CARTON PRESENTOIR AVEC FACE AVANT AJOURÉE
- (71) OTOR [FR/FR]; 70, boulevard de Courcelles, F-75017 Paris (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BACQUES, Jean-Yves [FR/FR]; 53, boulevard Saint-Germain, F-75005 Paris (FR). MATHIEU, Gérard [FR/FR]; 42, rue Nationale, F-95000 Cergy (FR). BOURDIN, Olivier [FR/FR]; 127, rue Jules Barni, F-80000 Amiens (FR).
- (74) BENECH, Frédéric; 146-150, avenue des Champs-Élysées, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 5/50, 71/36, 77/04  
(11) WO 2004/094248 (13) A1  
(21) PCT/US2004/012327  
(22) 22 Apr/avr 2004 (22.04.2004)

- (25) en (26) en  
(30) 0309184.0 **23 Apr/avr 2003 GB (23.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • FULLY ENCLOSED CARTON AND BLANK  
• CARTON COMPLETEMENT FERME ET DECOUPE
- (71) MEADWESTVACO PACKAGING SYSTEMS LLC [US/US]; One High Ridge Park, Stamford, CT 06905 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BLIN, Patrick [FR/FR]; 6 Rue Henriette Labonne, Domaine de la Vallée, F-36000 Chateauroux (FR).
- (74) SUZUKI, Tsugihiko; The Mead Corporation, 4850D North Church Lane, Smyrna, GE 30080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> B65D 5/52, 19/12, A47F 7/00  
(11) WO 2004/094249 (13) A1  
(21) PCT/SE2004/000431  
(22) 23 Mar/mar 2004 (23.03.2004)  
(25) sv (26) en  
(30) 0301213-5 **23 Apr/avr 2003 SE (23.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A COMBINED DISPLAY AND PACKAGE SYSTEM AND A METHOD TO PROVIDE SUCH  
• SYSTEME COMBINE PRESENTOIR ET EMBALLAGE, ET PROCEDE DE REALISATION
- (71, 72) SCHÖRLING, Stefan [SE/SE]; Hälla, S-710 41 Fellingsbro (SE).
- (74) Åslund, Roland; Avesta Patentbyrå, PO Box 99, S-775 01 Krylbo (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> B65D 6/18  
(11) WO 2004/094250 (13) A1  
(21) PCT/MX2004/000026  
(22) 7 Apr/avr 2004 (07.04.2004)  
(25) es (26) es  
(30) JL/a/2003/000014 **22 Apr/avr 2003 MX (22.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • FOLDING CRATE  
• BOITE PLIABLE
- (71, 72) BETANCOURT RUELAS, Alejandro [MX/MX]; Calle Betabel 2659, Mercado de Abastos, Guadalajara Jalisco, C.P. 44530 (MX). PADILLA RAMIREZ, Francisco Javier [MX/MX]; Calle Betabel 2659, Mercado de Abastos, Guadalajara Jalisco, C.P. 44530 (MX).
- (74) VALDEZ CURIEL, Hector; Isala Tasmania 2328, Col Jardines del Sur, Guadalajara Jalisco, C.P. 44940 (MX).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> B65D 19/32, 19/38, 19/18  
(11) WO 2004/094251 (13) A1  
(21) PCT/AU2004/000527  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 2003901997 **24 Apr/avr 2003 AU (24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EXPANDED POLYSTYRENE PALLET AND ITS METHOD OF MANUFACTURE  
• PALETTE EN POLYSTYRENE EXPANSE ET SON PROCEDE DE REALISATION
- (71) PACK-TECH INTERNATIONAL PTY LTD [AU/AU]; Level 30, 20 Bond Street, Sydney, New South Wales 2000 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FITZPATRICK, John, Charles [AU/AU]; 22 Robson Avenue, Gorokan, New South Wales 2263 (AU). HART, Michael [AU/AU]; 7/18 Third Avenue, Jannali, New South Wales 2226 (AU).
- (74) CARTER, Chris John et al. / etc.; Davies Collison Cave, Level 10, 10 Barrack Street, Sydney, New South Wales 2000 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> B65D 30/16  
(11) WO 2004/094252 (13) A1  
(21) PCT/KR2004/000948  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) ko (26) en  
(30) 10-2003-0027360 **23 Apr/avr 2003 KR (23.04.2003)**  
(30) 10-2003-0027359 **23 Apr/avr 2003 KR (23.04.2003)**  
(30) 10-2003-0027897 **24 Apr/avr 2003 KR (24.04.2003)**  
(30) 10-2003-0027896 **24 Apr/avr 2003 KR (24.04.2003)**  
(30) 10-2003-0026874 **28 Apr/avr 2003 KR (28.04.2003)**  
(30) 10-2003-0026877 **28 Apr/avr 2003 KR (28.04.2003)**  
(30) 10-2003-0026875 **28 Apr/avr 2003 KR (28.04.2003)**  
(30) 10-2003-0026876 **28 Apr/avr 2003 KR (28.04.2003)**  
(30) 10-2003-0026878 **28 Apr/avr 2003 KR (28.04.2003)**  
(30) 10-2003-0028451 **30 Apr/avr 2003 KR (30.04.2003)**  
(30) 10-2003-0030034 **7 May/mai 2003 KR (07.05.2003)**  
(30) 10-2003-0030033 **7 May/mai 2003 KR (07.05.2003)**  
(30) 10-2003-0039971 **16 Jun/juin 2003 KR (16.06.2003)**  
(30) 10-2003-0039970 **16 Jun/juin 2003 KR (16.06.2003)**  
(30) 10-2003-0041316 **21 Jun/juin 2003 KR (21.06.2003)**

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● POUCH CONTAINER AND METHOD FOR MAKING THE SAME  
● RECEPACLE SOUS FORME DE POCHE ET SON PROCEDE DE FABRICATION
- (71, 72) LEE, Jung-Min [KR/KR]; #1208, Misung APT. A-dong, 37 Yeouedo-dong, Youngdungpo-gu, Seoul 150-010 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> B65D 33/12  
(11) WO 2004/094253 (13) A1  
(21) PCT/US2003/007277  
(22) 19 Mar/mar 2003 (19.03.2003)  
(25) en (26) en  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● TEA BAG WITH INNER TAG  
● SACHET DE THE AVEC ETIQUETTE INTERIEURE
- (71, 72) CASEY, Robert [US/US]; 20156 Darlington Drive, Montgomery Village, MD 20886 (US). KEEGAN, Michael [US/US]; 24357 Hilton Place, Gaithersburg, MD 20882 (US).
- (74) MANDIR, William, H. et al. / etc.; Sughrue Mion, PLLC, Suite 800, 2100 Pennsylvania Ave., N.W., Washington, DC 20037-3213 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 41/18, 51/00, A63H 1/30  
(11) WO 2004/094254 (13) A1  
(21) PCT/AU2004/000526  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 2003901913 22 Apr/avr 2003 AU (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● COMBINED TOY/BOTTLECAP SYSTEM  
● SYSTEME COMBINE JOUET/BOUCHON DE BOUTEILLE
- (71) BUILDER, Hugh, Thorman [AU/AU]; Level 15, 45 Pirie Street, Adelaide, S.A. 5000 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) CAHILL, Matthew, Robert [AU/AU]; 2A Mountain Road, Eden Hills, S.A. 5050 (AU). WRIGHT, Bradley, Andrew [AU/AU]; 8 Fairmont Avenue, Kidman Park, S.A. 5025 (AU).
- (74) MADDERN; Level 1, 64 Hindmarsh Square, Adelaide, S.A. 5000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 47/06, B05C 17/00  
(11) WO 2004/094255 (13) A1  
(21) PCT/EP2004/004270  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) de (26) de  
(30) 103 18 670.0 24 Apr/avr 2003 DE (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● APPLICATION DEVICE, PARTICULARLY FOR LIQUID OR VISCOUS ADHESIVE  
● DISPOSITIF D'APPLICATION CONÇU EN PARTICULIER POUR UNE SUBSTANCE ADHESIVE LIQUIDE OU VISQUEUSE
- (71) HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RHODE, Matthias [DE/DE]; Broicher-dorfstrasse 50a, 41564 Kaarst (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> B65D 47/20, F16K 21/04  
(11) WO 2004/094256 (13) A1  
(21) PCT/SE2004/000596  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) sv (26) en  
(30) 0301184-8 23 Apr/avr 2003 SE (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● DISPENSING APPARATUS AT A CONTAINER FOR A LIQUID OR SEVERAL LIQUIDS, AT A CONDUIT OR THE LIKE  
● APPAREIL DE DISTRIBUTION MONTE SUR UN RECIPIENT OU SUR UN TUBE OU ANALOGUE AFIN DE DISTRIBUER DES LIQUIDES
- (71, 72) NILSSON, Hugo [SE/SE]; Gnustorp, Tutaryd, S-341 96 Ljungby (SE).
- (74) PERSSON, Ingemar; Gotapatent AB, Box 154, S-561 22 Huskvarna (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 50/04, 41/34  
(11) WO 2004/094257 (13) A1  
(21) PCT/DK2004/000277  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) da (26) en  
(30) PA 2003 00605 22 Apr/avr 2003 DK (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) ● SCREW CAP OF THE "SQUEEZE AND TURN" TYPE  
● BOUCHON A VISSER DU TYPE ≤ PRESSION-ROTATION ≥
- (71) SUPERFOS PHARMA PACK A/S (DUDEK PLAST A/S) [DK/DK]; Walgerholm 2-8, DK-3500 Værløse (DK).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PEDERSEN, Niels, Düring [DK/DK]; Bakkevej 4, Hareskovby, DK-3500 Værløse (DK).
- (74) PATRADE A/S; Fredens Torv 3A, DK-8000 Aarhus C (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 65/40, 73/02, B32B 27/32  
(11) WO 2004/094258 (13) A1  
(21) PCT/JP2004/005981  
(22) 26 Apr/avr 2004 (26.04.2004)  
(25) ja (26) ja  
(30) 2003-119929 24 Apr/avr 2003 JP (24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ELECTRONIC PART TAPING PACKAGING COVER TAPE  
• RUBAN DE RECouvreMENT POUR EMBALLAGE AVEC ENRUBANNAGE DE PIÈCES ELECTRONIQUES
- (71) DAI NIPPON PRINTING CO., LTD. [JP/JP]; 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo 1628001 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FUJII, Kazuhito [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo 1628001 (JP). KATOU, Shinnichi [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo 1628001 (JP).
- (74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 71/00, B32B 7/02, C08J 9/00, C08F 110/00  
(11) WO 2004/094259 (13) A1  
(21) PCT/US2004/011579  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) en (26) en  
(30) 60/463,751 16 Apr/avr 2003 US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EXTRUDED POLYPROPYLENE SHEETS CONTAINING BETA SPHERULITES  
• FEUILLES DE POLYPROPYLENE EXTRUDEES CONTENANT DES SPHERULITES BETA
- (71) MAYZO, INC. [US/US]; 6577 Peachtree Industrial Boulevard, Norcross, GA 30092-3757 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JACOBY, Philip [US/US]; 4325 Granby Way, Marietta, GA 30062 (US).
- (74) MONHEIT, Rivka, D. et al. / etc.; Suite 1200, 400 Colony Square, 1201 Peachtree Street, Atlanta, GA 30361 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for all designations / pour toutes les désignations  
(t) for all designations / pour toutes les désignations  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> B65D 71/00  
(11) WO 2004/094260 (13) A2  
(21) PCT/US2004/012422  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 0309187.3 23 Apr/avr 2003 GB (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • WRAPAROUND CARTON AND BLANK  
• CARTON D'EMBALLAGE ENVELOPPANT ET DECOUPE
- (71) MEADWESTVACO PACKAGING SYSTEMS LLC [US/US]; One High Ridge Park, Stamford, 7 06905 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BLIN, Patrick [FR/FR]; 6 Rue Henriette Labonne, Domaine de la Vallée, F-36000 Chateauroux (FR).
- (74) SUZUKI, Tsugihiko et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, 11 30080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 79/00  
(11) WO 2004/094261 (13) A1  
(21) PCT/GB2004/001518  
(22) 8 Apr/avr 2004 (08.04.2004)  
(25) en (26) en  
(30) 2003901911 17 Apr/avr 2003 AU (17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HOT FILL BOTTLE  
• BOUTEILLE DE REMPLISSAGE A CHAUD
- (71) CADBURY SCHWEPPE PTY LTD [AU/AU]; 636 St Kilda Rd, Melbourne VIC 3004 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71) WARD, David, I. [GB/GB]; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).  
*(only for / seulement pour LR)*
- (72) SMITH, Richard; ACI Plastics, 14 Kings Way, Moorabbin 3189 (AU).
- (72, 75) SMITH, Jeff [AU/AU]; Cadbury Schweppes Technical Centre, 2 Beverage Drive, Tullamarine VIC 3043 (AU).
- (74) WARD, David, I.; Marks & Clerk, Alpha Tower, Suffolk Street Queensway, Birmingham B1 1TT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65D 79/02, G01N 33/02  
(11) WO 2004/094262 (13) A1  
(21) PCT/FI2004/000252  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) fi (26) en  
(30) 20030623 24 Apr/avr 2003 FI (24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR NOTICING CHANGES IN A PACKAGE, METHOD FOR LOCATING A PACKAGE, PACKAGE AND SYSTEM FOR LOCATING A PACKAGE  
• PROCEDE DE DETECTION DE CHANGEMENTS DANS UN EMBALLAGE, PROCEDE DE LOCALISATION D'UN

EMBALLAGE, EMBALLAGE ET SYSTEME DE LOCALISATION D'UN EMBALLAGE

(71) VALTION TEKNIILLINEN TUTKIMUSKESKUS [FI/FI]; Vuorimiehentie 5, FI-02150 Espoo (FI).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEILMANN, Jali [FI/FI]; c/o Vtt Tietotekniikka, Metallimiehenkuja 10, FI-02150 Espoo (FI). LINNA, Hannu [FI/FI]; c/o Vtt Tietotekniikka, Metallimiehenkuja 10, FI-02150 Espoo (FI). SIPILÄINEN-MALM, Thea [FI/FI]; c/o Vtt Biotekniikka, Tietotie 2, FI-02150 Espoo (FI). HURME, Eero [FI/FI]; c/o Vtt Biotekniikka, Tietotie 2, FI-02150 Espoo (FI). SMOLANDER, Maria [FI/FI]; c/o Vtt Biotekniikka, Tietotie 2, FI-02150 Espoo (FI). NYKÄNEN, Heli [FI/FI]; c/o Vtt Biotekniikka, Tietotie 2, FI-02510 Espoo (FI).

(74) PAPULA OY; P.O. Box 981, (Fredrikinkatu 61 A), FI-00101 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65D 85/48

(11) WO 2004/094263 (13) A1

(21) PCT/US2004/008203

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/405,667 1 Apr/avr 2003 US (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PACKING OF THIN GLASS SHEETS  
• EMBALLAGE DE FEUILLES DE VERRE MINCES

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAYASHI, Takayoshi [JP/JP]; 25-501, Honcho 1-14, Koganei-shi, Tokyo, 184-0004 (JP). OKAMOTO, Fumio [JP/JP]; 2-5-5 Nishikamakura, Kamakura, Kanagawa 248-0035 (JP).

(74) BEALL, Thomas, R.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65D 85/57

(11) WO 2004/094264 (13) A1

(21) PCT/US2003/038107

(22) 1 Dec/déc 2003 (01.12.2003)

(25) en (26) en

(30) 10/408,897 8 Apr/avr 2003 US (08.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISC HOLDING TRAYS FOR ANTI-THEFT PURPOSES WITHIN OPTICAL OR AUDIO DISC STORAGE UNITS

• TIROIRS DE SUPPORT DE DISQUE UTILISES A DES FINS D'ANTIVOLS DANS DES UNITES DE STOCKAGE DE DISQUE AUDIO OU OPTIQUE

(71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).

(72) DELAERE, Marc; Acacialaan 54, B-9080 LoChristi (BE). BATLAW, Rajnish; 102 Coventry Court, Spartanburg, SC 29301 (US).

(74) PARKS, William, S.; Milliken & Company, Legal Department (M-495), 920 Milliken Road, Spartanburg, SC 29303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65D 85/78, 3/26, 3/06

(11) WO 2004/094265 (13) A1

(21) PCT/EP2004/004123

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 03009312.4 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PACKAGING AND PACKAGED ICE CREAM CONFECTIONERY PRODUCT  
• EMBALLAGE ET PRODUIT DE CONFISERIE GLACEE EMBALLEE

(71) NESTEC S.A. [CH/CH]; Avenue Nestlé, 55, CH-1800 Vevey (CH).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHARLIER, Christophe, Jean-Marie, Yves [BE/FR]; 10, Impasse des Saules, F-60000 Allonne (FR). LEBRAND, Pierre, Henri [FR/FR]; 1, Rue de Velennes, F-60510 Bonliers (FR).

(74) ARCHAMBAULT, Jean; Avenue Nestlé, 55, CH-1800 Vevey (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> B65D 88/16, B65B 69/00

(11) WO 2004/094266 (13) A1

(21) PCT/US2004/008564

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/459,210 31 Mar/mar 2003 US (31.03.2003)

(30) 10/624,751 22 Jul/juil 2003 US (22.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SIDE DISCHARGE BAG FOR FLOWABLE MATERIALS AND METHOD FOR DISCHARGING FLOWABLE MATERIALS

- SAC DE DECHARGE LATERALE POUR MATERIAUX FLUIDIFIABLES ET PROCEDE DE DECHARGE DE MATERIAUX FLUIDIFIABLES

(71) **CROMPTON CORPORATION** [US/US]; Benson Road, Middlebury, CT 06749 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) **HESS, Kief**; 16 Greentree Drive, Morgantown, WV 26508 (US). **DAWLEY, Michael**; 1103 Andrew Drive, Morgantown, WV 26508 (US). **SUEK, Steven**; 19 Bayberry Terrace, Morgantown, WV 26508 (US). **MOORE, William, R.**; P.O. Box 2628, Westover, WV 264502 (US). **LEISTER, Thad**; 1250 Kings Road, Morgantown, WV 26508 (US).

(74) **DILWORTH, Michael, P.**; Crompton Corporation, Benson Road, Middlebury, CT 06749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65D 88/62, 90/04, B65G 69/08

(11) WO 2004/094267 (13) A1

(21) PCT/AU2004/000521

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 2003901930 22 Apr/avr 2003 AU (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A WALL LINING SYSTEM AND A METHOD OF PRODUCING A LIVE WALL

- SYSTEME DE REVETEMENT DE PAROI ET PROCEDE DE PRODUCTION D'UNE PAROI REVERBERANTE

(71) **WOODSIDE ENERGY LIMITED** [AU/AU]; 240 St George's Terrace, Perth, Western Australia 6000 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DADD, Brian, Terance** [AU/AU]; 3 Alata Place, Duncraig, Western Australia 6023 (AU).

(74) **MCCARTHY PORT**; Patent & Trademark Attorneys, Level 2, 33 Barrack Street, Perth, Western Australia 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65F 1/00, 1/14

(11) WO 2004/094268 (13) A1

(21) PCT/GB2004/001689

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 0308932.3 17 Apr/avr 2003 GB (17.04.2003)

(30) 0319343.0 18 Aug/août 2003 GB (18.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR USE IN THE STORAGE AND TRANSPORTATION OF RECYCLABLE WASTE

- APPAREIL DE STOCKAGE ET DE TRANSPORT DE DECHETS RECYCLABLES

(71, 72) **HUMPHRIES, Glynn** [GB/GB]; 2 Oak Rise, Pontefract, West Yorkshire WF8 2WD (GB). **JACKSON, Christopher, John** [GB/GB]; Southgate, Crossways, Winchester SO21 2BZ (GB).

(74) **TARGETT, Kenneth, Stanley**; 48 Meadowsweet Way, Horton Heath, Hampshire SO50 7PD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65F 3/00, 1/14

(11) WO 2004/094269 (13) A1

(21) PCT/US2004/012409

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,513 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR REFUSE COLLECTION

- SYSTEME ET PROCEDE DE COLLECTE D'ORDURES

(71) **ELGIN SWEEPER** [US/US]; 1300 West Bartlett Road, Elgin, IL 60120-5370 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRUPOWICZ, William J.** [US/US]; 39W525 Sulley Drive, Geneva, IL 60134 (US).

(74) **FILBIN, Paul J.**; Leydig, Voit & Mayer, Ltd., 180 North Stetson, Suite 4900, Two Prudential Plaza, Chicago, IL 60601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B65F 5/00, B65G 53/04, G06F 17/17

(11) WO 2004/094270 (13) A1

(21) PCT/SE2003/000661

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AUTOMATED NEXT-HOP ALGORITHM FOR A MULTI-BRANCH REFUSE COLLECTION SYSTEM

- ALGORITHME D'AUTOMATISATION DU SAUT SUIVANT POUR SYSTEME DE RECUEIL D'ORDURES MENAGERES A BRANCHES MULTIPLES

(71) **ENVAC CENTRALSUG AB** [SE/SE]; S-117 84 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RYLENIUS, Jan** [SE/SE]; Riddarevägen 21, S-191 33 Sollentuna (SE). **BRANDEFELT, Niklas** [SE/SE]; Ballongatan 7, S-169 71 Solna (SE).

(74) **AROS PATENT AB**; P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65G  
 (11) WO 2004/094271 (13) A2  
 (21) PCT/US2004/011961  
 (22) 16 Apr/avr 2004 (16.04.2004)  
 (25) en (26) en  
 (30) 60/463,252 16 Apr/avr 2003 US (16.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • HAMPER SECURING APPARATUS AND METHOD  
 • APPAREIL ET PROCEDE D'ARRIMAGE POUR CONTENEURS
- (71) UNITED STATES POSTAL SERVICE [US/US]; 475 L'Enfant Plaza, SW, Washington, DC 20260-1136 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CHURCH, Jeffrey, E. [US/US]; 225 West Hickory Street, Canastota, NY 13032 (US). DUDZINSKY, David, C. [US/US]; 4 Pine Ridge Circle, North Syracuse, NY 13212 (US).
- (74) GARRETT, Arthur, S.; Finnegan, Henderson, Farrahaw, Garret & Dunner, L.L.P., 1300 I Street, NW, Washington, DC 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65G  
 (11) WO 2004/094273 (13) A2  
 (21) PCT/US2004/002694  
 (22) 30 Jan/jan 2004 (30.01.2004)  
 (25) en (26) en  
 (30) 10/402,829 28 Mar/mar 2003 US (28.03.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • A GRIPPING ARM ASSEMBLY FOR LOADING A FILLED INNER CONTAINER INTO AN OUTER CONTAINER  
 • ENSEMBLE BRAS DE PREHENSION CONÇU POUR CHARGER UN CONTENEUR INTERIEUR REMPLI DANS UN CONTENEUR EXTERIEUR
- (71) SCHOLLE CORPORATION [US/US]; 19500 Jamboree Road, Irvine, CA 92612-2457 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HILDEBRAND, John, Joseph, Jr. [US/US]; 2322 Heritage Drive, Corona, CA 92882 (US).
- (74) JOVANOVIĆ, Jovan, N. et al. / etc.; King & Jovanovic, PLC, 170 College Avenue, Suite 230, Holland, MI 49423 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65G  
 (11) WO 2004/094272 (13) A2  
 (21) PCT/US2004/011967  
 (22) 16 Apr/avr 2004 (16.04.2004)  
 (25) en (26) en  
 (30) 10/417,404 16 Apr/avr 2003 US (16.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • BLOCK MODELING INPUT/OUTPUT BUFFER  
 • TAMPON D'ENTREE/SORTIE MODELISE PAR SCHEMA-BLOC
- (71) THE MATHWORKS, INC. [US/US]; 3 Apple Hill Drive, Natick, MA 01760 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OROFINO, Donald, P., II [US/US]; 32 Bent Road, Sudbury, MA 01776 (US). MANI, Ramamurthy [IN/US]; 169 High Rock Street, Needham, MA 02492 (US).
- (74) CANNING, Kevin, J. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (30) 2003901953 24 Apr/avr 2003 AU (24.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • CONVEYOR BELT TRANSFER DEVICE  
 • DISPOSITIF DE TRANSFERT DE BANDE TRANSPORTEUSE
- (71) RME CORAY CONVEYOR TECHNOLOGIES PTY LTD [AU/AU]; 141-143 Russell Street, Toowoomba, QLD 4350 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) RUSSELL, Alan, John [AU/AU]; 29 Godfrey Street, Toowoomba, QLD 4350 (AU). CORAY, Dale [CA/CA]; 106 Okotoks Road, Malahat, British Columbia, VOR 1L0 (CA).
- (74) HODGKINSON McINNES PAPPAS; Level 3, 20 Alfred St. Milsons Point, Sydney, N.S.W. 2061 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65G 15/54  
 (11) WO 2004/094275 (13) A1  
 (21) PCT/US2004/011667  
 (22) 15 Apr/avr 2004 (15.04.2004)  
 (25) en (26) en  
 (30) 60/463,340 17 Apr/avr 2003 US (17.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • PLASTIC WOVEN SPIRAL CONVEYOR BELT  
 • BANDE TRANSPORTEUSE SPIRALE TISSEE EN PLASTIQUE
- (71) CAMBRIDGE INTERNATIONAL, INC. [US/US]; 105 Goodwill Road, Cambridge, MD 21613 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MARSHALL, Duane [US/US]; 5004 Cherry Point Road, Woolford, MD 21677 (US). MAINE, Robert, E., Jr. [US/US]; 307 E. Church Street, Hebron, MD 21830 (US).
- (74) PETERSON, James, W.; BURNS, DOANE, SWECKER & MATHIS, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- 
- (51)<sup>7</sup> B65G 15/00  
 (11) WO 2004/094274 (13) A1  
 (21) PCT/AU2004/000531  
 (22) 23 Apr/avr 2004 (23.04.2004)  
 (25) en (26) en



SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> B65G 43/00

(11) WO 2004/094276 (13) A1

(21) PCT/US2003/008415

(22) 19 Mar/mar 2003 (19.03.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR  
MONITORING AND CONTROLLING  
CONVEYOR POSITION

• PROCEDE ET APPAREIL DE SUR-  
VEILLANCE ET DE CONTROLE DE  
POSITION DE TRANSPORTEUR

(71, 72) TRAVIS, Tonny, D. [US/US]; 550 Pros-  
perity Road, P.O. Box 217, Prosperity, WV  
25909 (US).

(74) DAVIS, David, L.; Selitto, Behr & Kim, 203  
Main Street, Metuchen, NJ 08840 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SC SD SE SG SK SL TJ TM TN TR TT  
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> B65G 45/12

(11) WO 2004/094277 (13) A2

(21) PCT/FR2004/000753

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03/04916 22 Apr/avr 2003 FR  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SCRAPER BLADE  
• LAME DE RACLEUR

(71) SOCIETE FINANCIERE DE GESTION  
(SOCIETE CIVILE) [FR/FR]; 139/141 rue  
du Luxembourg, F-59100 Roubaix (FR).  
(only for / seulement pour US)

(72, 75) SIMOENS, Hervé [FR/FR]; 40 avenue  
Foch, F-59700 Marcq en Baroeul (FR).

(74) TOURNEL, Jean, Louis; 12 rue d'Orléans,  
F-44000 Nantes (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B65G 45/16

(11) WO 2004/094278 (13) A1

(21) PCT/FR2004/000748

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03/04915 22 Apr/avr 2003 FR  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR THE ELASTIC APPLICA-  
TION OF A SCRAPER BLADE

• DISPOSITIF D'APPLICATION ELAS-  
TIQUE D'UNE LAME DE RACLEUR

(71) SOCIETE FINANCIERE DE GESTION  
[FR/FR]; 139/141, rue du Luxembourg,  
F-59100 Roubaix (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SIMOENS, Hervé [FR/FR]; 40, avenue  
Foch, F-59700 Marcq-en-Baroeul (FR).

(74) TOURNEL, Jean-Louis; 12, rue d'Orléans,  
F-44000 Nantes (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B65G 47/34

(11) WO 2004/094279 (13) A1

(21) PCT/DK2004/000286

(22) 26 Apr/avr 2004 (26.04.2004)

(25) da (26) en

(30) PA 2003 00614 24 Apr/avr 2003 DK  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR A SORTING SYS-  
TEM AND METHOD FOR SORTING  
• APPAREIL POUR SYSTEME DE  
TRIAGE, ET PROCEDE DE TRIAGE

(71) LINCO FOOD SYSTEMS A/S [DK/DK];  
Vestermøllevvej 9, DK-8380 Trige (DK).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BANG, Michael [DK/DK]; Kærminde-  
vej 4, DK-8680 Ry (DK).

(74) PATRADE A/S; Fredens Torv 3A, DK-8000  
Aarhus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B65G 47/84, B30B 11/08, 15/32, 11/08848

(11) WO 2004/094280 (13) A1

(21) PCT/US2003/008848

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR  
TRANSFERRING SUBSTRATES

• PROCEDE ET APPAREIL DE TRANS-  
FERT DE SUBSTRATS

(71) MCNEIL-PPC, INC. [US/US]; 199 Grand-  
view Road, Skillman, NJ 08558 (US).

(72) SOWDEN, Harry, S.; 209 Wood Road,  
Glenside, PA 19038 (US).

(74) JOHNSON, Philip, S. et al. / etc.; Johnson &  
Johnson, One Johnson & Johnson Plaza, New  
Brunswick, NJ 08903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PH PL PT  
RO RU SC SD SE SG SK SL TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT SE SI SK TR); OA (BF BJ CF CG CI  
CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B65H

(11) WO 2004/094281 (13) A2

(21) PCT/US2004/012079

(22) 17 Apr/avr 2004 (17.04.2004)

(25) en (26) en

(30) 60/463,796 18 Apr/avr 2003 US  
(18.04.2003)

(30) Not furnished / 16 Apr/avr 2004 US  
non communiqué (16.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR  
REMOVING REMNANT MATERIAL  
FROM A BOBBIN

- APPAREIL ET PROCEDE DE RETRAIT DE MATERIAU RESTANT SUR UNE BOBINE
- (71) GENESIS CABLE SYSTEMS, L.L.C. [US/US]; 7701 95th Street, Pleasant Prairie, WI 53158-0383 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PLUISTER, Andrew, M. [US/US]; 4855 Nature Trail, Racine, WI 53403 (US). VENEGAS, Ricardo [US/US]; 1612 32nd Avenue, Kenosha, WI 53144 (US). GUYSINSKY, Simon [US/US]; 8000 West Foster Lane, Apartment 308, Niles, IL 60714 (US).
- (74) SHAFTAL, Max; Patzik, Frank & Samotny Ltd., Suite 900, 150 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65H 19/22
- (11) WO 2004/094282 (13) A1
- (21) PCT/FI2004/000247
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) fi (26) en
- (30) 20030618 24 Apr/avr 2003 FI (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR CALCULATING/OPTIMIZING THE DIAMETER OF A PAPER OR BOARD WEB REEL
- METHODE DE CALCUL ET D'OPTIMISATION DU DIAMETRE D'UN ROULEAU DE FEUILLE CONTINUE DE PAPIER OU DE CARTON
- (71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FI-00130 Helsinki (FI).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KOJO, Teppo [FI/FI]; Alhontie 10, FI-4600 Mäntsälä (FI).
- (74) FORSSÉN & SALOMAA OY; Eerikinkatu 2, FI-00100 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65H 49/02, 55/04
- (11) WO 2004/094284 (13) A1
- (21) PCT/US2004/006837
- (22) 5 Mar/mar 2004 (05.03.2004)
- (25) en (26) en
- (30) 10/408,196 7 Apr/avr 2003 US (07.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR UNWINDING ELASTOMERIC YARN FROM COILED PACKAGES
- PROCEDE POUR LE DEROULEMENT D'UN FIL A FIBRES ELASTOMERES DES ENROULEMENTS A BOBINE
- (71) INVISTA TECHNOLOGIES S.A.R.L. [US/US]; Intellectual Property Record Center, 4417 Lancaster Pike, CRP 722/1032, Wilmington, DE 19805 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LOCK, Robert [US/US]; 512 Edvardian Lane, Waynesboro, VA 22980 (US).
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> B65H 35/07, 37/04, B05B 15/04, B29C 63/02, E04G 21/30
- (11) WO 2004/094283 (13) A1
- (21) PCT/US2004/006490
- (22) 3 Mar/mar 2004 (03.03.2004)
- (25) en (26) en
- (30) 10/403,644 31 Mar/mar 2003 US (31.03.2003)
- (30) 10/424,956 28 Apr/avr 2003 US (28.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MASKING MACHINE
- MACHINE DE MASQUAGE
- (71) CARDINAL IG COMPANY [US/US]; Suite 200, 775 Prairie Center Drive, Minnetonka, MN 55344 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TRPKOVSKI, Paul [US/US]; S7845 Highland Road, Loganville, WI 53943 (US).
- (74) GROENKE, Allen, W. et al. / etc.; Fredrikson & Byron, P.A., 4000 Pillsbury Center, 200 South Sixth Street, Minneapolis, MN 55402-1425 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> B65H 51/22, G01V 8/14
- (11) WO 2004/094285 (13) A1
- (21) PCT/EP2004/004229
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 0301181-4 21 Apr/avr 2003 SE (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • YARN FEEDER AND REFLECTOR BODY
- PASSE-FIL ET CORPS REFLECTEUR
- (71) IROPA AG [CH/CH]; Oberneuhofstrasse 6, CH-6340 Baar (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BROVARONE, Cesare [IT/IT]; Via Garibaldi, 12C, I-13836 Cossato (IT). FIORIO, Marco [IT/IT]; Via Barazzi 43b, 13836 Cossato (IT).
- (74) BERTRAM, Rainer; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> B65H 65/00
- (11) WO 2004/094286 (13) A1
- (21) PCT/JP2004/004957
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) ja (26) ja
- (30) 2003-119288 24 Apr/avr 2003 JP (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)

(54) • YARN GUIDE DEVICE OF REVOLVING TYPE AUTOMATIC WINDER

• GUIDE-FIL DE BOBINEUR AUTOMATIQUE DE TYPE ROTATIF

(71) TMT MACHINERY, INC. [JP/JP]; 6th Fl., Osaka Green Bldg., 2-6-26, Kitahama, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIMARU, Noriki [JP/JP]; 70-2, Ko, Gongen-cho, Matsuyama-shi, Ehime 799-2653 (JP).

(74) HIRAI, Tamotsu; 1-12-1-1201, Hirarunuma, Nishi-ku, Yokohama-shi, Kanagawa 220-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B66B

(11) WO 2004/094287 (13) A2

(21) PCT/US2004/012420

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) PCT/US03/12266 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELEVATOR SYSTEM WITHOUT A MOVING COUNTERWEIGHT

• SYSTEME D'ASCENSEUR SE DEPLAÇANT SANS CONTREPOIDS MOBILE

(71) OTIS ELEVATOR COMPANY [US/US]; Ten Farm Springs, Farmington, CO 80632 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIEWERT, Bryan, Robert [US/US]; 37 Overlook Drive, Westbrook, CT 06498 (US). THOMPSON, Mark, S. [US/US]; 151 Old Kent Road North, Tolland, CT 06084 (US). HOLLOWELL, Richard, L. [US/US]; 36 Richardson Drive, Hebron, CT 06248 (US).

(74) O'BRIEN, Sean, W.; Intellectual Property Department, Otis Elevator Company, Ten Farm Springs, Farmington, CT 06032 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B66B 9/00

(11) WO 2004/094288 (13) A1

(21) PCT/US2003/008532

(22) 20 Mar/mar 2003 (20.03.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WIRELESS ELEVATOR FIXTURES INTEGRAL WITH DOOR FRAME

• FIXATIONS D'ASCENSEUR SANS CABLE SOLIDAIRES D'UN CADRE DE PORTE

(71) OTIS ELEVATOR COMPANY [US/US]; Ten Farm Springs, Farmington, CT 06032 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZEPKE, Bruce [US/US]; 186 Lancaster Road, Glastonbury, CT 06033 (US).

BACELLAR, Adriana [BR/US]; 44 Grandview Drive, Glastonbury, CT 06033 (US).

BACELLAR, Luiz [BR/US]; 44 Grandview Drive, Glastonbury, CT 06033 (US).

BELLAMY, Dennis [US/US]; 15 School Street, Stafford Springs, CT 06076 (US).

CRENELLA, David [US/US]; 26 Anton Lane, Berlin, CT 06037 (US).

GOZZO, Michael [US/US]; 225 Prospect Hill Road, Noank, CT 06340 (US).

HAAAS, Deborah, C. [US/US]; 205 Ashbrook Drive, Coventry, CT 06238 (US).

NETTER, Christian [DE/US]; 169 Vernon Avenue, Vernon, CT 06066 (US).

VECCHIOTTI, Alberto [IT/US]; 142 Greenview Terrace, Middletown, CT 06457 (US).

VERONESI, William [US/US]; 342 Fairfield Avenue, Hartford, CT 06114 (US).

ZACCHIO, Joseph [US/US]; 30 Livingston Street, Wethersfield, CT 06109 (US).

(74) OSBORN, Thomas, H.; Intellectual Property Dept., Ten Farm Springs, Farmington, CT 06032 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> B66B 11/08, 7/10  
(11) WO 2004/094289 (13) A1  
(21) PCT/US2003/012266  
(22) 22 Apr/avr 2003 (22.04.2003)  
(25) en (26) en  
(43) 4 Nov/nov 2004 (04.11.2004)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B66B 11/08, 7/10

(11) WO 2004/094289 (13) A1

(21) PCT/US2003/012266

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELEVATOR SYSTEM WITHOUT A MOVING COUNTERWEIGHT

• SYSTEME D'ASCENSEUR SANS CONTREPOIDS DE DEPLACEMENT

(71) OTIS ELEVATOR COMPANY [US/US]; Ten Farm Springs Road, Farmington, CT 06032 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIEWERT, Bryan Robert [US/US]; 37 Overlook Drive, Westbrook, CT 06498 (US). THOMPSON, Mark S. [US/US]; 151 Old Kent Road North, Tolland, CT 06084 (US). HOLLOWELL, Richard L. [US/US]; 36 Richardson Drive, Hebron, CT 06248 (US).

(74) GASKEY, David J.; Carlson, Gaskey & Olds, 400 W. Maple Rd., Ste. 350, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> B66B 13/26, E05F 15/00

(11) WO 2004/094290 (13) A2

(21) PCT/GB2004/001764

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 0309310.1 24 Apr/avr 2003 GB (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTIFUNCTION EDGE DEVICE FOR POWERED DOORS

• DISPOSITIF MULTIFONCTION POUR BORD DE PORTES AUTOMATIQUES

(71) MEMCO LIMITED [GB/GB]; Memco House, Waldeck Road, Maidenhead, Berks SL6 8BZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PLATT, Terence, Christopher [GB/GB]; September Cottage, Murrell Hill Lane, Binfield, Berkshire RG12 5DA (GB).

(74) MOIR, Michael, Christopher et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> B66C

(11) WO 2004/094291 (13) A2

(21) PCT/US2004/005511

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 10/395,378 24 Mar/mar 2003 US  
(24.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLOATING DRIVE FOR VEHICLE

- MONTAGE FLOTTANT POUR VEHI-  
CULE

(71) JERVIS B. WEBB COMPANY [US/US];  
34375 West Twelve Mile Road, Farmington  
Hills, MI 48331-5624 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) COVEYOU, Jon, L. [US/US]; 5235 Re-  
sort Pike, Petoskey, MI 49770 (US). POOLE,  
Lewis, R. [US/US]; 04211 Chapelle Road,  
Boyncy City, MI 49712 (US).(74) JONES, Richard, A. et al. / etc.; Dickinson  
Wright PLLC, 1901 L Street N.W., Suite 800,  
Washington, DC 20036 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).(51)<sup>7</sup> B66F

(11) WO 2004/094292 (13) A2

(21) PCT/EP2004/004248

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 203 06 305.08 22 Apr/avr 2003 DE  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HYDROMECHANICAL LIFTING ELE-  
MENT

- ELEMENT DE LEVAGE HYDROME-  
CANIQUE

(71, 72) STARK, Sinisa [DE/DE]; Schützen-  
strasse 29, 56299 Ochtendung (DE).(72) KRAUTKRÄMER, Herrmann; Haupt-  
strasse 22, 56751 Polch (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> B66F 9/18, B66C 1/54

(11) WO 2004/094293 (13) A1

(21) PCT/US2004/005109

(22) 20 Feb/fév 2004 (20.02.2004)

(25) en (26) en

(30) 10/403,188 31 Mar/mar 2003 US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ADJUSTABLE ROLL HANDLING  
HOIST

- APPAREIL DE LEVAGE DE ROU-  
LEAUX REGLABLE

(71) KIMBERLY-CLARK WORLDWIDE,  
INC. [US/US]; 401 N. Lake Street, Neenah,  
WI 54956 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BRIGGS, William, J., Jr. [US/US];  
5594 S. 4175 W., Roy, UT 84067 (US).  
HAASL, Michael [US/US]; 2834 N. 1050  
E., North Ogden, UT 84414 (US).(74) BRODERSEN, John, L. et al. / etc.; Kim-  
berly-Clark Worldwide, INC., 401 N. Lake  
Street, Neenah, WI 54956 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).(51)<sup>7</sup> B67D

(11) WO 2004/094294 (13) A2

(21) PCT/US2004/012344

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,791 23 Apr/avr 2003 US  
(23.04.2003)(30) 10/829,497 22 Apr/avr 2004 US  
(22.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VALVE FOR A REFRIGERATOR WA-  
TER DISPENSER

- VALVE POUR DISTRIBUTEUR D'EAU  
DE REFRIGERATEUR

(71) TWIN BAY MEDICAL, INC. [US/US];  
2488 Cass Road, Traverse City, MI 29684  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WERTH, Albert, A. [US/US]; 13452  
O'Dell Road, Kewadin, MI 49648 (US).(74) BASILE, Andrew, R. et al. / etc.; Young  
& Basile, P.C., 3001 West Big Beaver Road,  
Suite 624, Troy, MI 48084 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les  
désignations

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> B67D 3/00, F25D 31/00, B65D 77/06

(11) WO 2004/094295 (13) A1

(21) PCT/GB2004/001723

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309288.9 24 Apr/avr 2003 GB  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STORAGE BOX FOR A FLEXIBLE LIQ-  
UID-CONTAINING BAG

- BOITE DE RANGEMENT POUR UN  
SAC SOUPLE CONTENANT DU LI-  
QUIDE

(71) HARROGATE SPA WATER LTD  
[GB/GB]; Harlow Moor Road, Harrogate,  
North Yorkshire HG2 0QB (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BRAY, Ian [GB/GB]; Harlow Moor  
Road, Harrogate, North Yorkshire HG2 0QB  
(GB). TURNER, Garry [GB/GB]; Harlow  
Moor Road, Harrogate, North Yorkshire HG2  
0QB (GB).(74) ORR, William, McLean; Urquhart-Dykes  
& Lord, Tower North Central, Merrion Way,  
Leeds LS2 8PA (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(51)<sup>7</sup> B67D 5/70

(11) WO 2004/094296 (13) A1

(21) PCT/EP2004/004527

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 03/04999 23 Apr/avr 2003 FR (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISCHARGE ARM ASSEMBLY WITH GUIDING

• ENSEMBLE DE BRAS DE DECHARGEMENT GUIDE

(71) FMC TECHNOLOGIES SA [FR/FR]; Route de Clérimois, F-89100 Sens (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LE DEVEHAT, Renaud [FR/FR]; 1, route de Vallières, Ancienne Gare, Fleurygny, F-89260 Thorigny-sur-Oreuse (FR).

(74) SANTARELLI; 14, avenue de la Grande Armée, B.P. 237, F-75822 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B68C 1/16, A44B 11/24

(11) WO 2004/094297 (13) A1

(21) PCT/GB2004/001658

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308773.1 16 Apr/avr 2003 GB (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STIRRUP LEATHER BUCKLE

• BOUCLE EN CUIR D'ETRIER

(71) MONICA'S SADDLERY LIMITED [GB/GB]; William House, Marsh Lane, Walsall, West Midlands WS2 9LN (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DABBS, Harry, William [GB/GB]; William House, Marsh Lane, Walsall, West Midlands WS2 9LN (GB).

(74) SKINNER, Michael; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> B81B

(11) WO 2004/094298 (13) A2

(21) PCT/US2004/003405

(22) 5 Feb/fév 2004 (05.02.2004)

(25) en (26) en

(30) 10/403,637 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MICRODEVICE ASSEMBLY HAVING A FINE GRAIN GETTER LAYER FOR MAINTAINING VACUUM

• ENSEMBLE A MICRO-DISPOSITIF, POSSEDANT UNE COUCHE D'ABSORPTION A GRAINS FINS POUR MAINTENIR LE VIDE

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Joe, P. [US/US]; 1701 Edgewood, Long Grove, IL 60047 (US). FIELD, Cheryl, B. [US/US]; 21336 W. Prescott Court, Kildeer, IL 60047 (US). PFEIFER, Michael [US/US]; 900 Hawthorne Lane, Northbrook, IL 60062 (US).

(74) MANCINI, Brian, M. et al. / etc.; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B81B 1/00, F04B 19/00

(11) WO 2004/094299 (13) A1

(21) PCT/US2004/004296

(22) 11 Feb/fév 2004 (11.02.2004)

(25) en (26) en

(30) 10/402,435 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTROOSMOTIC PUMP USING NANOPOROUS DIELECTRIC FRIT

• POMPE ELECTRO-OSMOTIQUE UTILISANT UNE FRITE DIELECTRIQUE NANOPOREUSE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) LIST, Richard, Scott; 16675 SW Ivy Glenn Street, Beaverton, OR 97007 (US). MYERS, Alan; 350 Sharon Park Drive, #S6, Menlo Park, CA 94025 (US). VU, Quat; 2464 El Camino Real, Santa Clara, CA 95051 (US).

(74) TROP, Timothy, N. et al. / etc.; Trop, Pruner & Hu, P.C., 8554 Katy Freeway, Suite 100, Houston, TX 77024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> B81B 3/00

(11) WO 2004/094300 (13) A2

(21) PCT/CA2004/000569

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/464,423 22 Apr/avr 2003 US (22.04.2003)

(30) 10/782,708 17 Feb/fév 2004 US (17.02.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEMS ACTUATORS

• ACTIONNEURS A SYSTEME MICROELECTROMECHANIQUE

(71) SIMPLER NETWORKS INC. [CA/CA]; 1840 Autoroute Transcanadienne, Suite 100, Dorval, Québec H9P 1H7 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÉNARD, Stéphane [CA/CA]; 119, Château Kirkland, Kirkland, Québec H9J 3Z9 (CA). LASSONDE, Normand [CA/CA]; 103, 22e Avenue, Pincourt, Québec J7V 4S5 (CA). VILLENEUVE, Jean-Claude

- [CA/CA]; 3177, Beauséjour, Boisbriand, Québec J7H 1A4 (CA).
- (74) **OGILVY RENAULT**; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B81B 3/00, G02B 26/08, H04J 14/02**
- (11) **WO 2004/094301** (13) A1
- (21) PCT/CA2004/000598
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) en (26) en
- (30) 60/464,972 **24 Apr/avr 2003 US (24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A MICRO-ELECTRO-MECHANICAL-SYSTEM TWO DIMENSIONAL MIRROR WITH ARTICULATED SUSPENSION STRUCTURES FOR HIGH FILL FACTOR ARRAYS
- MIROIR BIDIMENSIONNEL A SYSTEME MICRO-ELECTRO-MECHANIQUE AYANT DES STRUCTURES DE SUSPENSION ARTICULEES DESTINEES A DES RESEAUX A FACTEUR DE REMPLISSAGE ELEVE
- (71) **METCONNEX CANADA INC.** [CA/CA]; 84 Hines Road, Ottawa, Ontario K2K 3G3 (CA).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MALA, Mohiuddin** [CA/CA]; 73 Emerald Meadows Drive, Kanata, Ontario K2M 2L5 (CA). **DUCCELLIER, Thomas** [CA/CA]; 415 Besserer Street, Ottawa, Ontario K1N 6B9 (CA). **HNATIW, Alan** [CA/CA]; 39 Hartin Street, Stittsville, Ontario K2S 1B9 (CA). **PEALE, David** [US/US]; 7892 Norcanyon, San Diego, CA 92126 (US).
- (74) **SMART & BIGGAR et al.** / etc.; P.O. Box 2999, Station D, 900- 55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **B82B**
- (11) **WO 2004/094303** (13) A2
- (21) PCT/US2004/012194
- (22) **19 Apr/avr 2004 (19.04.2004)**
- (25) en (26) en
- (30) 60/463,766 **17 Apr/avr 2003 US (17.04.2003)**
- (30) 10/661,381 **12 Sep/sep 2003 US (12.09.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • STRUCTURES, SYSTEMS AND METHODS FOR JOINING ARTICLES AND MATERIALS AND USES THEREFOR
- STRUCTURES, SYSTEMES ET PROCESSES SERVANT A RELIER OU JOINDRE ENSEMBLE DES ARTICLES ET MATERIAUX, ET LEURS UTILISATIONS
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)
- 
- (51)<sup>7</sup> **B81B 3/00, 7/00**
- (11) **WO 2004/094302** (13) A1
- (21) PCT/US2004/007701
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 10/401,963 **31 Mar/mar 2003 US (31.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MICRO-ELECTRO-MECHANICAL SYSTEMS (MEMS) DEVICE AND SYSTEM AND METHOD OF PRODUCING THE SAME
- DISPOSITIF A SYSTEMES MICRO-ELECTROMECHANIQUES (MEMS) ET SYSTEME ET PROCEDE DE FABRICATION DE CE DERNIER
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Blvd., Mailstop SC4-202, Santa Clara, CA 95052 -8119 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **BAR-SADEH, Eya**; Ha'chalutz Street 65, 96269 Jerusalem (IL). **TALALYEVSKY, Alexander**; Korei Hadoroth Street 15A, 93387 Jerusalem (IL). **GINSBURG, Eyal**; Bnei Efraim Street 291, 69414 Tel Aviv (IL).
- (74) **COHEN, Mark, S.**; Eitan, Pearl, Latzer & Cohen Zedek, L.L.P., 10 Rockefeller Plaza, Suite 1001, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C01B**
- (11) **WO 2004/094304** (13) A2
- (21) PCT/US2004/012198
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 10/419,769 **21 Apr/avr 2003 US (21.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ADDITIVES FOR PREPARING RHEOLOGY-MODIFIED AQUEOUS FLUIDS
- ADDITIFS DE PREPARATION DE FLUIDES AQUEUX MODIFIES PAR RHEOLOGIE
- (71, 72) **HOY, Edgar, Franklin** [US/US]; 3906 Rock Springs Drive, Kingswood, TX 77345 (US).
- (74) **TRIBBLE, Barbara, J.**; 112 Pansy Path, Lake Jackson, TX 77566 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C01B**
- (11) **WO 2004/094305** (13) A2
- (21) PCT/US2004/003828
- (22) **11 Feb/fév 2004 (11.02.2004)**
- (25) en (26) en
- (30) 10/392,997 **20 Mar/mar 2003 US (20.03.2003)**

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITION FOR THE PRODUCTION OF CHLORINE DIOXIDE USING NON-IODO INTERHALIDES OR POLYHALIDES AND METHODS OF MAKING AND USING THE SAME
- COMPOSITION POUR LA PRODUCTION DE DIOXYDE DE CHLORE AU MOYEN D'INTERHALOGENURES OU DE POLYHALOGENURES NON-IODO, ET PROCEDE DE FABRICATION ET D'UTILISATION DE CETTE COMPOSITION
- (71) **ECOLAB INC.** [US/US]; Ecolab Center, 370 North Wabasha Street, Saint Paul, MN 55102 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HEI, Robert, D., P.** [US/US]; 2224 30th Avenue, Baldwin, WI 54002 (US). **MCSHERRY, David** [US/US]; 1823 Talmage Avenue, St. Paul, MN 55414 (US). **SMITH, Kim** [US/US]; 8774 Rainier Alcove, Woodbury, MN 55125 (US).
- (74) **SORENSEN, Andrew, D.**; Ecolab Inc., 840 Sibley Memorial Highway, Mendota Heights, MN 55118 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C01B 3/24, 31/02, H01M 8/06, H05H 1/24
- (11) **WO 2004/094306** (13) A1
- (21) PCT/JP2004/005748
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ja (26) ja
- (30) 2003-115199 21 Apr/avr 2003 JP (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HYDROGEN GENERATOR AND HYDROGEN GENERATING METHOD
- GENERATEUR D'HYDROGENE ET PROCEDE DE GENERATION D'HYDROGENE
- (71) **TECHNO NETWORK SHIKOKU CO. LTD.** [JP/JP]; 2-5, Marunouchi, Takamatsu-shi, Kagawa, 7600033 (JP). **SHIKOKU ELECTRIC POWER CO. INC.** [JP/JP]; 2-5, Marunouchi, Takamatsu-shi, Kagawa, 7600033 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NOMURA, Shinfuku** [JP/JP]; c/o Faculty of Engineering, Ehime University, 3, Bunkyo-cho, Matsuyama-shi, Ehime, 7908577 (JP). **TOYOTA, Hiromichi** [JP/JP]; c/o Faculty of Engineering, Ehime University, 3, Bunkyo-cho, Matsuyama-shi,

- Ehime, 7908577 (JP). **MATSUMOTO, Kenya** [JP/JP]; c/o SHIKOKU ELECTRIC POWER CO., INC, 6-1-2, Minatomachi, Matsuyama-shi, Ehime, 7900012 (JP).
- (74) **MATSUSHIMA, Satoru**; 3-8-38, Higashino, Matsuyama-shi, Ehime, 7900903 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C01B 31/00, 31/12, 31/02, 31/08
- (11) **WO 2004/094307** (13) A1
- (21) PCT/EP2003/004202
- (22) 23 Apr/avr 2003 (23.04.2003)
- (25) en (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD TO MODIFY PORE CHARACTERISTICS OF POROUS CARBON AND POROUS CARBON MATERIALS PRODUCED BY THE METHOD
- PROCEDE VISANT A MODIFIER LES CARACTERISTIQUES DE PORES DE CARBONE POREUX ET MATERIAUX A BASE DE CARBONE POREUX PRODUITS A L'AIDE DU PROCEDE
- (71) **FOC FRANKENBURG OIL COMPANY EST** [LI/LI]; P.O.Box 1515, FL-9490 Vaduz (LI).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LEIS, Jaan** [EE/EE]; 82 Pikk Str., Apt 4, 50606 Tartu (EE). **ARULEPP, Mati** [EE/EE]; 71 Riia Str., 51010 Tartu (EE). **PERKSON, Anti** [EE/EE]; 6 Kase Str., 61601 Nõo, Tartu Maakond (EE).
- (74) **ALBIHNS STOCKHOLM AB**; P.O.Box 5581, Linnégatan 2, S-114 85 Stockholm (SE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (Utility model / modèle d'utilité) (BF BJ CF CG CI CM GA

- GN GQ GW ML MR NE SN TD TG); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C01B 31/02, G01N 27/12, H01L 51/40
- (11) **WO 2004/094308** (13) A1
- (21) PCT/EP2003/008827
- (22) 22 Apr/avr 2003 (22.04.2003)
- (25) en (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A PROCESS FOR MODIFYING AT LEAST ONE ELECTRICAL PROPERTY OF A NANOTUBE OR A NANOWIRE AND A TRANSISTOR INCORPORATING IT.
- PROCEDE POUR MODIFIER AU MOINS UNE PROPRIETE ELECTRIQUE D'UN NANOTUBE OU D'UN NANOFIL ET TRANSISTOR INCORPORANT CELUI-CI
- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31-33, rue de la Fédération, F-75015 PARIS (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **AUVRAY, Stéphane** [FR/FR]; 47-49, rue du Four, F-75006 PARIS (FR). **BOURGOIN, Jean-Philippe** [FR/FR]; 53 La Rotonde, F-78960 VOISINS LE BRETONNEUX (FR). **DERYCKE, Vincent** [FR/FR]; 2 Allée des Epines, F-78180 MONTIGNY LE BRETONNEUX (FR). **GOFFMAN, Marcelo** [AR/FR]; 8, Avenue de la République, F-91120 PALAISEAU (FR).
- (74) **CABINET ORES et al. / etc.**; 36, rue de St Petersbourg, F-75008 PARIS (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C01B 31/02, B82B 3/00
- (11) **WO 2004/094309** (13) A1
- (21) PCT/JP2004/005749
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ja (26) ja
- (30) 2003-117194 22 Apr/avr 2003 JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR SEPARATING AND PURIFYING METAL INCLUDING FULLERENE
- PROCEDE DE SEPARATION ET D'EPURATION FULLERENE CONTENANT DU METAL

(71) **INSTITUTE OF TSUKUBA LIAISON CO. LTD.** [JP/JP]; 169-1, Kohya Tsukuba-shi, Ibaraki, 3002642 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AKASAKA, Takeshi** [JP/JP]; 1-15-4-403, Azuma Tsukuba-shi, Ibaraki, 3050031 (JP).

(74) **ISHIKAWA, Yasuo**; Park Shiba Building, 4F, 17-11, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C01B 33/00

(11) **WO 2004/094310** (13) A2

(21) PCT/FR2004/000609

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) fr (26) fr

(30) 03/03942 **31 Mar/mar 2003 FR (31.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EMULSION CONTAINING AMPHIPHILE SILICA PARTICLES AND METHOD FOR THE PRODUCTION THEREOF

• EMULSION COMPRENANT DES PARTICULES DE SILICE AMPHIPHILE ET SON PROCEDE DE PREPARATION

(71) **RHODIA CHIMIE** [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cédex (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3-5, rue Michel Ange, F-75794 Paris Cédex 16 (FR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ARDITTY, Stéphane** [FR/FR]; 93, boulevard Georges V, F-33400 Talence (FR). **CHANE-CHING, Jean-Yves** [FR/FR]; 15, rue Suzanne, F-95600 Eaubonne (FR). **MONIN, David** [FR/FR]; 76, rue de la Tombe Issoire, F-PARIS 75014 (FR). **RAVAINE, Serge** [FR/FR]; 8, avenue Saint-Nicolas, F-33610 Cestas (FR). **RECU-LUSA, Stéphane** [FR/FR]; Résidence Campus Haut Brion -, Appartement 141-Bâtiment C, 64 bis, avenue Phénix Haut Brion, F-33600 Pessac (FR). **SCHMITT, Véronique** [FR/FR]; Résidence Le Prince Noir, Bâtiment E, 39, rue Fernand Izer, F-33400 Talence (FR).

(74) **BERRUET, Laure**; Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C01B 33/12, C09D 183/00

(11) **WO 2004/094311** (13) A1

(21) PCT/JP2004/006041

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) ja (26) ja

(30) 2003-120339 **24 Apr/avr 2003 JP (24.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COATING LIQUID FOR FORMING POROUS SILICA

• LIQUIDE DE REVETEMENT POUR LA FORMATION DE SILICE POREUSE

(71) **MITSUI CHEMICALS, INC.** [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo 105-7117 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OIKE, Shunsuke** [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **KOMURA, Kazuo** [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **MURAKAMI, Masami** [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **KUBOTA, Takeshi** [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C01D 3/20, C01F 11/32, C22B 34/12, 9/10

(11) **WO 2004/094312** (13) A1

(21) PCT/JP2003/005065

(22) **21 Apr/avr 2003 (21.04.2003)**

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF PURIFYING METAL SALT, METHOD OF DEACIDIFYING TITANIUM MATERIAL AND METHOD OF PRODUCING THE SAME

• PROCEDE DE PURIFICATION D'UN SEL METALLIQUE, PROCEDE DE DESACIDIFICATION D'UN MATERIAU DE TITANE, ET PROCEDE DE PRODUCTION DE CE MATERIAU

(71) **SUMITOMO TITANIUM CORPORATION** [JP/JP]; 1, Higashihama-cho, Amagasaki-shi, Hyogo 660-8533 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHIMOSAKI, Shinji** [JP/JP]; c/o Sumitomo Titanium Corporation, 1, Higashihama-cho, Amagasaki-shi, Hyogo 660-8533 (JP).

(74) **MORI, Michio**; M. MORI PATENT OFFICE, Sumitomoscei-Amagasaki Building, 17-23, Higashinaniwa-cho 5-chome, Amagasaki-shi, Hyogo 660-0892 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C01D 7/00, 7/38, 7/42, C11D 11/00

(11) **WO 2004/094313** (13) A1

(21) PCT/JP2004/005910

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) ja (26) ja

(30) 2003-120223 **24 Apr/avr 2003 JP (24.04.2003)**

(30) 2003-181372 **25 Jun/juin 2003 JP (25.06.2003)**

(30) 2003-426697 **24 Dec/déc 2003 JP (24.12.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SURFACE-TREATED PARTICLE OF WATER-SOLUBLE INORGANIC COMPOUND, PROCESS FOR PRODUCING THE SAME, AND PARTICULATE DETERGENT COMPOSITION

• PARTICULE A SURFACE TRAITEE DE COMPOSE INORGANIQUE HYDROSOLUBLE, SON PROCEDE DE PRODUCTION, ET COMPOSITION DETERGENTE PARTICULAIRE

(71) **LION CORPORATION** [JP/JP]; 3-7, Honjo 1-chome, Sumida-ku, Tokyo 1308644 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MASUI, Hiroyuki** [JP/JP]; c/o Lion Corporation 3-7, Honjo 1-chome, Sumida-ku, Tokyo 1308644 (JP). **NAKAMURA, Naoki** [JP/JP]; c/o Lion Corporation 3-7, Honjo 1-chome, Sumida-ku, Tokyo 1308644 (JP). **NAGANO, Tatsuo** [JP/JP]; c/o Lion Corporation 3-7, Honjo 1-chome, Sumida-ku, Tokyo 1308644 (JP). **HORIE, Kodo** [JP/JP]; c/o Lion Corporation 3-7, Honjo 1-chome, Sumida-ku, Tokyo 1308644 (JP). **MATSUNAGA, Satoshi** [JP/JP]; c/o Lion Corporation 3-7, Honjo 1-chome, Sumida-ku,



- Tokyo 1308644 (JP). NAGAYASU, Katsuya [JP/JP]; c/o Lion Corporation 3-7, Honjo 1-chome, Sumida-ku, Tokyo 1308644 (JP). NAGATA, Satoru [JP/JP]; c/o Lion Corporation 3-7, Honjo 1-chome, Sumida-ku, Tokyo 1308644 (JP). KINOE, Sumito [JP/JP]; c/o Lion Corporation 3-7, Honjo 1-chome, Sumida-ku, Tokyo 1308644 (JP). MIYAKE, Miyuki [JP/JP]; c/o Lion Corporation 3-7, Honjo 1-chome, Sumida-ku, Tokyo 1308644 (JP). HIDAI, Eri [JP/JP]; c/o Lion Corporation 3-7, Honjo 1-chome, Sumida-ku, Tokyo 1308644 (JP).
- (74) KOJIMA, Takashi; Ginza Ohtsuka Bldg., 2F 16-12, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C01G
- (11) WO 2004/094314 (13) A2
- (21) PCT/US2004/008982
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 10/405,792 2 Apr/avr 2003 US (02.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CONDUCTOR-WITHIN-A-VIA MICROWAVE LAUNCH
- INJECTION HF PAR CONDUCTEUR DANS UNE TRAVERSEE
- (71) HARRIS CORPORATION [US/US]; 1025 W. Nasa Blvd., Melbourne, FL 32919 (US).
- (72) FISCHER, Charles, Robert; 260 Grant Avenue, Satellite Beach, FL 32937 (US). PEDERSEN, Anders, P.; 1398 Meadowbrook, Road, N.E., Palm Bay, FL 32905 (US). WHYBREW, Walter, M.; 957 Beacon Street, N.W., Palm Bay, FL 32907-7836 (US).
- (74) YATSKO, Michael, S.; Harris Corporation, 1025 W. Nasa Blvd., Melbourne, FL 32919 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C02F
- (11) WO 2004/094314 (13) A2
- (21) PCT/US2004/008861
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 60/463,441 16 Apr/avr 2003 US (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • THERMOELECTRIC, HIGH-EFFICIENCY, WATER GENERATING DEVICE
- DISPOSITIF GENERATEUR D'EAU THERMOELECTRIQUE ET A HAUT RENDEMENT
- (71, 72) REIDY, James, J. [US/US]; 1260 Main Street, Holden, MA 01520-1020 (US).
- (74) DINGMAN, Brian, M.; Mirick, O'Connell, DeMallie & Lougee, LLP, 1700 West Park Drive, Westborough, MA 01581-3941 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (22) 25 Apr/avr 2004 (25.04.2004)
- (25) en (26) en
- (30) 60/464,850 24 Apr/avr 2003 US (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BIOREMEDIATION OF PETROLEUM POLLUTION USING WATER-INSOLUBLE URIC ACID AS THE NITROGEN SOURCE
- TRAITEMENT PAR BIORESTAURATION D'UNE POLLUTION PAR DU PETROLE FAISANT APPEL A DE L'ACIDE URIQUE NON HYDROSO-LUBLE COMME SOURCE D'AZOTE
- (71) RAMOT AT TEL AVIV UNIVERSITY LTD. [IL/IL]; 32 Haim Levanon Street, 69 975 Tel Aviv (IL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROSENBERG, Eugene [IL/IL]; 18/44 Rachavat Ilan, 54 056 Givat-Shmuel (IL). RON, Eliora [IL/IL]; 36 Yehuda HaNassi Street, 69 206 Tel Aviv (IL). KOREN, Omry [IL/IL]; 48 Naftaly Street, 10 292 Metula (IL).
- (74) G.E. EHRlich (1995) LTD.; 11 Menachem Begin Street, 52 521 Ramat Gan (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C02F
- (11) WO 2004/094317 (13) A2
- (21) PCT/US2004/008861
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 60/463,441 16 Apr/avr 2003 US (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • THERMOELECTRIC, HIGH-EFFICIENCY, WATER GENERATING DEVICE
- DISPOSITIF GENERATEUR D'EAU THERMOELECTRIQUE ET A HAUT RENDEMENT
- (71, 72) REIDY, James, J. [US/US]; 1260 Main Street, Holden, MA 01520-1020 (US).
- (74) DINGMAN, Brian, M.; Mirick, O'Connell, DeMallie & Lougee, LLP, 1700 West Park Drive, Westborough, MA 01581-3941 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C02F
- (11) WO 2004/094316 (13) A2
- (21) PCT/IL2004/000351
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement

KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C02F 1/24, B01D 21/00, B03D 1/14, B01D  
21/24

(11) WO 2004/094318 (13) A1

(21) PCT/FR2003/001224

(22) 16 Apr/avr 2003 (16.04.2003)

(25) fr (26) fr

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INSTALLATION FOR TREATING WA-  
TER BY FLOTATION

• INSTALLATION DE TRAITEMENT  
D'EAUX PAR FLOTTATION

(71) ONDEO DEGREMONT [FR/FR]; 183 av-  
enue du 18 Juin 1940, F-92500 RUEIL MAL-  
MAISON (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BEAULE, Christian [CA/CA]; 10690  
Avenue De Lorimier, Apt. 3, Montréal,  
Québec H2B 2J3 (CA). MARCHAND, Jean  
[CA/CA]; 1050 Violette, Laval, Québec H7X  
2G2 (CA). BOSISIO, Marco [CA/CA];  
15649 Du Bosquet, Pierrefonds, Québec  
H9H 1X3 (CA).

(74) ARMENGAUD, Alain et al. / etc.; Cab-  
inet Armengaud Aine, 3, Avenue Bugeaud,  
F-75116 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PH PL PT  
RO RU SC SD SE SG SK SL TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> C02F 1/48

(11) WO 2004/094319 (13) A1

(21) PCT/NO2004/000116

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309224.4 23 Apr/avr 2003 GB  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR FLOW IMPROVEMENT  
AND REDUCTION OF FOULING IN  
PROCESS EQUIPMENT

• PROCEDE PERMETTANT  
D'AMELIORER LES DEBITS ET DE  
REDUIRE L'ENCRASSEMENT DANS  
UN EQUIPEMENT DE TRAITEMENT

(71) EMT RESEARCH ASA [NO/NO]; Kjølnes  
ring 56, N-3918 Porsgrunn (NO).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WASKAAS, Magne [NO/NO]; Sagdal-  
sringen 43, N-3748 Siljan (NO).

(74) ONSAGERS AS et al. / etc.; P.O.Box 6963  
St. Olavs plass, N-0130 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> C02F 11/06, 11/14

(11) WO 2004/094320 (13) A1

(21) PCT/SE2004/000612

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0301171-5 23 Apr/avr 2003 SE  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF TREATING DIGESTED  
SLUDGE

• PROCEDE DE TRAITEMENT DE  
BOUES DIGEREES

(71) KEMIRA KEMI AB [SE/SE]; Box 902,  
S-251 09 Helsingborg (SE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KARLSSON, Göran [SE/SE]; Ny-  
borgsvägen 15A, S-252 21 Helsingborg (SE).  
KARLSSON, Ingemar [SE/SE]; Barkstigen  
4, S-181 47 Lidingö (SE). RECKTEN-  
WALD, Michael [SE/SE]; St Clemens gata  
39E, S-252 34 Helsingborg (SE). PETERS-  
SON, Lennart [SE/SE]; Köpingevägen 7,  
S-252 47 Helsingborg (SE).

(74) AWAPATENT AB; Box 5117, S-200 71  
Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C03B 17/06, 17/02, C03C 17/02, B32B  
17/06, C03B 18/12, 5/26, 23/203

(11) WO 2004/094321 (13) A2

(21) PCT/US2004/008518

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/406,965 4 Apr/avr 2003 US  
(04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH-STRENGTH LAMINATED  
SHEET FOR OPTICAL APPLICATIONS  
• FEUILLE STRATIFIEE A HAUTE RE-  
SISTANCE POUR APPLICATIONS OP-  
TIQUES

(71, 72) CORNING INCORPORATED  
[—/US]; 1 Riverfront Plaza, Corning, New  
York 14831 (US).

(72, 75) COOK, Glenn B [US/US]; 4 Highland  
Drive, Corning, New York 14830 (US).  
BOCKO, Peter L [US/US]; 9553 Swan  
Lane, Painted Post, New York 14870 (US).  
CHEN, David [CN/CN]; Room 1203, 12F,  
No. 205, Tun Hua North Road, Taipei 105,  
TAIWAN (TW). COPPOLA, Frank T  
[US/US]; 363 County Route 64, Elmira, New  
York 14903 (US). EDWARDS, Victoria A  
[US/US]; 83 Talarico Road, Horseheads, New  
York 14845 (US). GILLBERG, Gunilla E  
[US/US]; 7 Pond View, Painted Post, New  
York 14870 (US). LAPP, Josef C [US/US];  
10510 Cheese Factory Road, Corning, New  
York 14830 (US). RHOADS, Randy L  
[US/US]; 29 Algonquin Drive, Horseheads,  
New York 14845 (US). TAMMARO, David  
A [US/US]; 181 Hamilton Circle, Painted  
Post, New York 14870 (US). VADDI, Butchi  
R [US/US]; 59 Oakhill Drive, Sayre, PA  
18840 (US).

(74) BEALL, Thomas R; Corning Incorporated,  
Patent Department, SP-TI-3-1, Corning, New  
York 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C03B 37/012, 19/06

(11) WO 2004/094322 (13) A1

(21) PCT/US2004/008702

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/405,679 1 Apr/avr 2003 US (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MAKING A PHOTONIC CRYSTAL PREFORM

- PROCEDE DE PRODUCTION D'UNE PREFORME D'UN CRISTAL PHOTO-NIQUE

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Ji [CN/US]; 7 Jacob Drive, Painted Post, NY 14870 (US). WIGHT, John, F., Jr. [US/US]; 2789 Pinewood Circle, Corning, NY 14830 (US).

(74) ABLE, Kevin, M.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C03B 37/014, 19/14, 19/10, C01B 33/18

(11) WO 2004/094323 (13) A1

(21) PCT/US2004/007587

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/403,149 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD AND APPARATUS FOR MAKING SILICA SOOT BY VAPOR OXIDATION

- PROCEDE ET APPAREIL PERMETTANT DE FABRIQUER DE LA SUIE PAR OXYDATION A LA VAPEUR

(71) CORNING INCORPORATED [—/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) COFFEY, Calvin, T [US/US]; 2820 Rt. 21, Sugar Hill, Watkins Glen, NY 14891 (US). ROVELSTAD, Amy, L. [US/US]; 808 North Tioga Street, Ithaca, NY 14850 (US).

(74) CARLSON, Robert, L.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C03B 37/018, 8/04, C03C 17/09

(11) WO 2004/094324 (13) A1

(21) PCT/FI2004/050049

(22) 22 Apr/avr 2004 (22.04.2004)

(25) fi (26) en

(30) 20030602 22 Apr/avr 2003 FI (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD FOR CHARGING PARTICLES IN A MATERIAL MANUFACTURING PROCESS

- PROCEDE POUR CHARGER DES PARTICULES DANS UN PROCEDE DE PRODUCTION DE MATIERE

(71) LIEKKI OY [FI/FI]; Sorronrinne 9, FI-08500 Lohja AS (FI). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANKA, Kauko [FI/FI]; Maisterinkatu 12, FI-33720 Tampere (FI). FORSBLOM, Tomi [FI/FI]; Havumetsänkatu 2 B 23, FI-33820 Tampere (FI). RAJALA, Markku [FI/FI]; Klaavuntie 9 A 3, FI-00910 Helsinki (FI).

(74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 12 B, FI-33720 Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C03B 37/04, 37/075

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(22) 22 Apr/avr 2004 (22.04.2004)

(25) fi (26) en

(30) 20030601 22 Apr/avr 2003 FI (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD AND A MANUFACTURING APPARATUS FOR MANUFACTURING A FIBER PREFORM

- PROCEDE DE FABRICATION D'UN APPAREIL DESTINE A LA FABRICATION D'UNE PREFORME DE FIBRE

(71) LIEKKI OY [FI/FI]; Sorronrinne 9, FI-08500 Lohja AS (FI). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANKA, Kauko [FI/FI]; Maisterinkatu 12, FI-33720 Tampere (FI). FORSBLOM, Tomi [FI/FI]; Havumetsänkatu 2 B 23, FI-33820 Tampere (FI). RAJALA, Markku [FI/FI]; Klaavuntie 9 A 3, FI-00910 Helsinki (FI). VALKONEN, Harri [FI/FI]; Suopurontie 1 B 8, FI-02920 Espoo (FI).

(74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 12 B, FI-33720 Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C03C

(11) WO 2004/094326 (13) A2

(21) PCT/US2004/008881

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/405,680 1 Apr/avr 2003 US (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL ELEMENTS AND METHODS OF MAKING OPTICAL ELEMENTS

- ELEMENTS OPTIQUES, ET PROCEDES D'ELABORATION

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BORRELLI, Nicholas, F [US/US]; 935 West Water Street, Elmira, NY 14905 (US). HARES, George, B [US/US]; 31 E. Fourth Street, Corning, NY 14830 (US). SCHROEDER, Joseph, F [US/US]; 8769 Stevens Road, Lindley, NY 14858 (US).

(74) SCHAEBERLE, Timothy, M; Corning Incorporated, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C03C 10/00

(11) WO 2004/094327 (13) A2

(21) PCT/US2004/008682

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/459,845 1 Apr/avr 2003 US (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LAMP REFLECTOR SUBSTRATE, GLASS, GLASS-CERAMIC MATERIALS AND PROCESS FOR MAKING THE SAME

• SUBSTRAT POUR REFLECTEUR DE LAMPE, VERRE, MATERIAUX VITRO-CERAMIQUES ET PROCÉDES DE FABRICATION

(71) CORNING INCORPORATED [—/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) STEWART, Ronald, L. [US/US]; 5 Cardinal Lane, Elmira, NY 14903 (US). HORSFALL, William, E. [US/US]; 2683B Spencer Hill Road, Corning, NY 14830 (US).

(74) SCHAEBERLE, Timothy, M.; Corning Incorporated, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C03C 17/25

(11) WO 2004/094328 (13) A1

(21) PCT/GB2004/001666

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308895.2 17 Apr/avr 2003 GB (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COATING COMPOSITIONS

• COMPOSITIONS DE REVETEMENT

(71) JOHNSON MATTHEY PUBLIC LIMITED COMPANY [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).

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(72, 75) BISHOP, Peter, Trenton [GB/GB]; 17 Orchard Avenue, Sonning Common, Reading RG4 0LT (GB). SUTTON, Patricia, Ann [GB/GB]; 90 Flatford Place, Kidlington, Oxfordshire OX5 1TJ (GB).

(74) NUNN, Andrew, Dominic; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C03C 21/00

(11) WO 2004/094329 (13) A1

(21) PCT/US2004/009716

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/464,356 22 Apr/avr 2003 US (22.04.2003)

(30) Not furnished / non communiqué 31 Mar/mar 2004 US (31.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR STRENGTHENING GLASS

• PROCÉDE ET APPAREIL DE RENFORCEMENT DU VERRE

(71) THE COCA-COLA COMPANY [US/US]; One Coca-Cola Plaza, N.W., Atlanta, GA 30313 (US).

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(72, 75) POSTUPACK, Dennis [US/US]; 560 Waterview Trail, Alpharetta, GA 30022 (US). LACOURSE, William [US/US]; 15 Reynolds Street, Alfred, NY 14802 (US).

(74) BELL, Michael, J. et al. / etc.; Howrey Simon Arnold & White, LLP, 1299 Pennsylvania Avenue, N.W., Box 34, Washington, DC 20004-2402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C03C 27/10

(11) WO 2004/094330 (13) A2

(21) PCT/US2004/008540

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/408,139 4 Apr/avr 2003 US (04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EASY DE-GLAZING REACTIVE HOT MELT ADHESIVE

• ADHESIF THERMOFUSIBLE REACTIF FACILITANT LE DEGIVRAGE

(71) NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION [US/US]; P.O. Box 7663, Wilmington, DE 19803-7663 (US).

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(72, 75) HUNG, Ju-Ming [US/US]; 1358 Knox Drive, Yardley, PA 19067 (US). ZHANG, YUE, S. [CN/US]; 166 Grantham Drive, Somerset, NJ 08873 (US). GEFRI, Michael, T. [US/US]; 163 Hope Road, Blairstown, NJ 07825 (US).

(74) ALMER, Charles, W. et al. / etc.; National Starch and Chemical, 10 Finderne Avenue, Bridgewater, NJ 08807 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C03C 27/12

(11) WO 2004/094331 (13) A2

(21) PCT/US2004/007557

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/414,653 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HERMETICALLY SEALED GLASS PACKAGE AND METHOD OF FABRICATION

• EMBALLAGE DE VERRE FERME HERMETIQUEMENT ET PROCÉDE DE FABRICATION CORRESPONDANT

(71) CORNING INCORPORATED [—/US]; 1 Riverfront Plaza, Corning, New York 14831 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **REDDY, Kamjula P** [US/US]; 11810 Theresa Drive, Corning, New York 14830 (US). **SCHROEDER, Joseph F** [US/US]; 8769 Stevens Road, Lindley, New York 14858 (US). **STRELTSOV, Alexander** [RU/US]; 683 W. Raven Drive, Chandler, AZ 85248 (US). **POWLEY, Mark L** [US/US]; 5541 Route 125, Campbell, New York 14821 (US). **MORENA, Robert M** [US/US]; 438 Browntown Road, Caton, New York 14830 (US).

(74) **LAUROESCH, Mark W**; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, New York 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C04B

(11) **WO 2004/094332** (13) A2

(21) PCT/FR2004/000928

(22) **15 Apr/avr 2004 (15.04.2004)**

(25) fr (26) fr

(30) 03/04819 **17 Apr/avr 2003** FR (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REFRACTORY PRODUCT FOR A CHECKER WORK ELEMENT OF A GLASS FURNACE REGENERATOR  
• PRODUIT REFRACTAIRE POUR ELEMENT D'EMPILAGE D'UN REGENERATEUR D'UN FOUR VERRIER.

(71) **SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN** [FR/FR]; "Les Miroirs", 18, Avenue d'Alsace, F-92400 Courbevoie (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOUSSANT-ROUX, Yves** [FR/FR]; -, 1350 Chemin de la Verdrière, F-84140 Montfayet (FR). **GAUBIL, Michel** [FR/FR]; -, 5bis, Place de la Bulle, F-84000 Avignon (FR). **CITTI, Olivier** [FR/FR]; c/o Saint-Gobain Centre de Recherches et D'études Europeen, 550 Avenue Alphonse Jauffret, F-84306 Cavaillon (FR).

(74) **CABINET JP COLAS**; -, 37 avenue Franklin D. Roosevelt, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C04B

(11) **WO 2004/094333** (13) A2

(21) PCT/US2004/005710

(22) **27 Feb/fév 2004 (27.02.2004)**

(25) en (26) en

(30) 10/395,855 **25 Mar/mar 2003** US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITE ARTICLE COMPRISING A CERAMIC COATING  
• ARTICLE COMPOSITE COMPRENANT UN REVETEMENT CERAMIQUE

(71) **OLIMEX GROUP, INC.** [US/US]; 45 Gallo Court, Lawrenceville, NJ 08648 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCAR, Sergiu** [MD/MD]; Mirceacelbatrin 4 Ap 201, Kishenyev (MD).

(74) **PEGG, William, D.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C04B

(11) **WO 2004/094334** (13) A2

(21) PCT/US2004/008519

(22) **19 Mar/mar 2004 (19.03.2004)**

(25) en (26) en

(30) 10/405,681 **1 Apr/avr 2003** US (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW THERMAL EXPANSION CALCIUM ALUMINATE ARTICLES  
• ARTICLES EN ALUMINATE DE CALCIUM PRESENTANT UNE FAIBLE DILATATION THERMIQUE

(71) **CORNING INCORPORATED** [—/US]; 1 Riverfront Plaza, Corning, New York 14831 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAKHWANI, Shahid G** [PK/US]; 21 Dreams South, Painted Post, New York 14870 (US). **PINCKNEY, Linda R** [US/US]; 1560 Caton Road, Corning, New York 14830 (US).

**BEALL, Douglas M** [US/US]; 39 Overbrook Road, Painted Post, New York 14870 (US).

(74) **GHEORGHIU, Anca C**; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, New York 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C04B 12/02, A61L 24/02

(11) **WO 2004/094335** (13) A1

(21) PCT/US2004/011637

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 10/414,582 **16 Apr/avr 2003** US (16.04.2003)

(30) 10/607,203 **27 Jun/juin 2003** US (27.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CALCIUM PHOSPHATE CEMENT, USE AND PREPARATION THEREOF  
• CIMENT A BASE DE PHOSPHATE DE CALCIUM, UTILISATION ET PREPARATION DUDIT CIMENT

(63) US 10/414,582 (CON)  
US 16 Apr/avr 2003 (16.04.2003)  
US 10/607,203 (CON)  
27 Jun/juin 2003 (27.06.2003)

(71) **CALCITEC, INC.** [US/US]; 20057 Glen Arbor Court, Saratoga, CA 95070 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIN, Jiin-Huey, Chern** [US/US]; 911 Tower Road, Winnetka, IL 60093 (US). **JU, Chien-Ping** [US/US]; 16 Pinewood Drive, Carbondale, IL 62901 (US). **CHEN, Wen-Cheng**; No. 12, Bau-Shing Street, Gueiren Shiang, Tainan (TW). **LIN, Kuan-Liang**; No. 27, Lane 69 Shian Street, Fengyuan City, Taichung (TW). **WANG, I-Chang**; No. 114, Jinhu Tsuen, Beimen Shiang, Tainan (TW).

(74) **HAILE, Lisa, A.**; Gray Cary Ware & Freidenrich LLP, Suite 1100, 4365 Executive Drive, San Diego, CA 92121-2133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C04B 24/00

(11) WO 2004/094336 (13) A2

(21) PCT/US2004/006226

(22) 1 Mar/mar 2004 (01.03.2004)

(25) en (26) en

(30) 10/417,289 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • SOLID SUPPORTED COMBRANCHED COPOLYMERS AS AN ADDITIVE FOR GYPSUM COMPOSITIONS
- COPOLYMERES RAMIFIES EN PEIGNE SUR SUPPORT SOLIDE UTILES COMME ADDITIF POUR COMPOSITIONS DE GYPSE

(71) ARCO CHEMICAL TECHNOLOGY L.P. [US/US]; Two Greenville Crossing, 4001 Kennett Pike, Suite 238, Greenville, Delaware 19807 (US).  
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(72, 75) SCHWARTZ, Steven, A. [US/US]; 102 Brierley Court, Downingtown, Pennsylvania 19335 (US). LIOTTA, Frank, J., Jr. [US/US]; 656 S. Trappe Road, Collegeville, Pennsylvania 19426 (US).

(74) SCHUCHARDT, Jonathan, L. et al. / etc.; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, Pennsylvania 19073 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C04B 28/02, 14/38, E21B 33/13

(11) WO 2004/094337 (13) A2

(21) PCT/GB2004/001508

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/414,641 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • CEMENT COMPOSITIONS WITH IMPROVED MECHANICAL PROPERTIES AND METHODS OF CEMENTING IN A SUBTERRANEAN FORMATION
- COMPOSITIONS DE CIMENT PRESENTANT DES PROPRIETES MECANINIQUES AMELIOREES ET PROCEDES DE CIMENTATION DANS UNE FORMATION SOUTERRAINE

(71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; P.O. Box 1431, Duncan, OK 73536 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) WAIN, Christopher, Paul [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(only for / seulement pour MW)

(72, 75) BROTHERS, Lance, E. [US/US]; 928 S. 8th, Chickasha, OK 73018 (US). SEPULVADO, Robert, J. [US/US]; 3402 Bates Drive, Duncan, OK 73533 (US).

(74) WAIN, Christopher, Paul et al. / etc.; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C04B 35/195, C03C 3/064, H01B 3/12, H05K 3/46

(11) WO 2004/094338 (13) A1

(21) PCT/JP2004/005201

(22) 12 Apr/avr 2004 (12.04.2004)

(25) ja (26) ja

(30) 2003-116026 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • LEAD-FREE GLASS FOR FORMING DIELECTRIC, GLASS CERAMICS COMPOSITION FOR FORMING DIELECTRIC, DIELECTRIC AND METHOD FOR PRODUCING LAMINATED DIELECTRIC
- VERRE SANS PLOMB UTILISE POUR FORMER UN DIELECTRIQUE, COMPOSITION VITROCERAMIQUE UTILISEE POUR FORMER UN DIELECTRIQUE, DIELECTRIQUE ET PROCEDE POUR PRODUIRE UN DIELECTRIQUE STRATIFIE

(71) ASAHI GLASS COMPANY LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1008405 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ITOH, Kazuhiro [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP). OSAKI, Yasuko [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP). NAKAYAMA, Katsuyoshi [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP). WATANABE, Kazunari [JP/JP]; c/o Asahi Glass Company, Limited,

1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP). CHIBA, Jiro [JP/JP]; 2-42-18, Kosugaya, Sakae-ku, Yokohama-shi, Kanagawa, 2470007 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg. 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo, 1010042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C04B 35/573

(11) WO 2004/094339 (13) A1

(21) PCT/FR2004/000929

(22) 15 Apr/avr 2004 (15.04.2004)

(25) fr (26) fr

(30) 03/04749 16 Apr/avr 2003 FR (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • USE OF A SILICON CARBIDE-BASED CERAMIC MATERIAL IN AGGRESSIVE ENVIRONMENTS
- L'UTILISATION D'UN MATERIAU CERAMIQUE A BASE DE CARBURE DE SILICIUM DANS LES MILIEUX AGRESSIFS

(71) SICAT [FR/FR]; 14, avenue Hoche, F-75008 Paris (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR). UNIVERSITE LOUIS PASTEUR STRASBOURG [FR/FR]; 4, rue Blaise Pascal, F-67000 Strasbourg (FR).

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(72, 75) PHAM-HUU, Cuong [FR/FR]; 3, rue des Eglises, F-67700 Saverne (FR). NGUYEN, Patrick [FR/FR]; 17, rue Molsheim, F-67000 Strasbourg (FR). PHAM, Charlotte [FR/FR]; 3, rue des Eglises, F-67700 Saverne (FR). LEDOUX, Marc, Jacques [FR/FR]; 11, rue d'Ussé, F-67000 Strasbourg (FR).

(74) SCHMIDT, Martin, Peter; Pechiney, 217, cours Lafayette, F-69451 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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désignation suivante : US

(51)<sup>7</sup> C04B 38/00

(11) WO 2004/094340 (13) A1

(21) PCT/JP2004/005672

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-120635 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR PRODUCING POROUS  
MOLDING, POROUS MOLDING AND  
GRANULAR MATTER

• PROCEDE DE PRODUCTION D'UN  
MOULAGE POREUX, MOULAGE PO-  
REUX ET MATIERE GRANULAIRE

(71) ATLAS WORLD CO., LTD. [JP/JP];  
1-6, Higashinohbashi 2-chome, Chuo-Ku,  
Tokyo 1030004 (JP). UTIYAMA, Shozi  
[JP/JP]; 28-34, Matugasaki Kowakicho,  
Sakyo-Ku, Kyoto-shi, Kyoto 6060957 (JP).  
SEA-LINK CO., LTD. [JP/JP]; PC-8, 3  
Minatojima 5-chome, Chuo-Ku, Kobe-shi,  
Hyogo 6500045 (JP). NAGATE, Yutaka  
[JP/JP]; 6-15, Mukonosu 4-chome, Ama-  
gasaki-shi, Hyogo 6610035 (JP).  
*for all designated States except / pour tous  
les États désignés sauf US*

(72, 75) OKADA, Ryuzo [JP/JP]; 306-901,  
Okubocho, Akashi-shi, Hyogo 6740067  
(JP). USUI, Hideyuki [JP/JP]; 17-9, Miya-  
madai 3-chome, Tarumi-ku, Kobe-shi, Hyogo  
6550874 (JP).

(74) MURONAZONO, Kazuto; Dai2 nichidai  
Bldg., 6-14, Higashinakajima 1-chome,  
Higashiyodogawa-ku, Osaka-shi, Osaka  
5330033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C04B 41/89

(11) WO 2004/094341 (13) A1

(21) PCT/EP2004/004197

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) M02003A000117 23 Apr/avr 2003 IT  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A PROCEDURE FOR THE REALI-  
SATION OF CERAMIC MANUFAC-  
TURES, IN PARTICULAR, PORCE-  
LAIN STONEWARE TILES AND TRIM  
PIECES, WITH ANTI POLLUTION  
AND ANTI-BACTERIAL PROPER-  
TIES AND PRODUCTS THEREBY  
OBTAINED.

• PROCEDURE DE REALISATION DE  
PRODUITS EN CERAMIQUE, NOTAM-  
MENT, DE CARREAUX ET DE PIECES  
D'HABILLAGE EN GRES POUR POR-  
CELAINES, A PROPRIETES ANTIPOL-  
LUTION ET ANTIBACTERIENNES, ET  
PRODUITS AINSI OBTENUS

(71) CERAMICHE GAMBARELLI S.R.L.  
[IT/IT]; Strada Statale 569, 224, I-41050  
Solignano (IT).

*for all designated States except / pour tous  
les États désignés sauf US*

(72, 75) GAMBARELLI, Commendator, Ivana  
[IT/IT]; Strada Statale 569, 224, I-41100  
Solignano (IT). POZZI, Giuseppe [IT/IT];  
Strada Statale 569, 224, I-41050 Solignano  
(IT).

(74) GUARESCHI, Antonella; Gidienne  
S.R.L., 474/M, Via Giardini, I-41100 Mod-  
ena (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07B

(11) WO 2004/094342 (13) A2

(21) PCT/JP2004/005760

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-119710 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AGENT FOR SEPARATING OPTICAL  
ISOMERS

• AGENT DE SEPARATION  
D'ISOMERES OPTIQUES

(71) DAICEL CHEMICAL INDUSTRIES,  
LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka  
5908501 (JP).

*for all designated States except / pour tous  
les États désignés sauf US*

(72, 75) OKAMOTO, Yoshio [JP/JP]; 2-66-222,  
Yadacho, Higashi-ku, Nagoya-shi, Aichi  
4610042 (JP). YAMAMOTO, Chiyo [JP/JP];  
654-265, Kagiya-cho, Kasugai-shi, Aichi  
4800304 (JP).

(74) FURUYA, Satoshi et al. / etc.; Hama-  
cho-Hanacho Building 6th Floor, 2-17-8,  
Nihonbashi-Hamacho, Chuo-ku, Tokyo  
1030007 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07B 31/00, C07D 207/34, 209/24, 213/55,  
215/14, 239/42

(11) WO 2004/094343 (13) A1

(21) PCT/IN2003/000166

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOVEL PROCESS FOR STEREOS-  
ELECTIVE REDUCTION OF  $\beta$ -KE-  
TOESTERS

• NOUVEAU PROCEDE POUR UNE RE-  
DUCTION STEREOSELECTIVE DE  
SG(B)-SETOESTERS

(71) BIOCON LIMITED [IN/IN]; 20th Km  
Hosur Road, Hebbagodi, Bangalore 561 229,  
Karnataka (IN).

*for all designated States except / pour tous  
les États désignés sauf US*

(72, 75) PUTHIAPARAMPIL, Tom, Thomas  
[IN/IN]; c/o Biocon India Limited, 20th Km  
Hosur Road, Hebbagodi, Bangalore 561  
229, Karnataka (IN). POORNAPRAJNA,  
Acharya [IN/IN]; c/o Biocon India Limited,  
20th Km Hosur Road, Hebbagodi, Banga-  
lore 561 229, Karnataka (IN). ASWATHA-  
NARAYANAPPA, Chandrashekar [IN/IN];  
c/o Biocon India Limited, 20th Km Hosur  
Road, Hebbagodi, Bangalore 561 229, Kar-  
nataka (IN). SRIDHARAN, Madhavan  
[IN/IN]; c/o Biocon India Limited, 20th Km  
Hosur Road, Hebbagodi, Bangalore 561 229,  
Karnataka (IN). GANESH, Sambasivam  
[IN/IN]; c/o Biocon India Limited, 20th Km  
Hosur Road, Hebbagodi, Bangalore 561 229,  
Karnataka (IN).

(74) ANAND, Pravin et al. / etc.; Anand And  
Anand Advocates, B-41 Nizamuddin East,  
New Delhi 110 013 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SD SE SG SK SL TJ TM TN TR TT TZ  
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)<sup>7</sup> C07C  
(11) WO 2004/094344 (13) A2  
(21) PCT/US2004/011792  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,632 16 Apr/avr 2003 US (16.04.2003)  
(30) 60/498,134 26 Aug/août 2003 US (26.08.2003)  
(30) 03134847.5 25 Sep/sep 2003 CN (25.09.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHODS FOR PRODUCTION OF RECOMBINANT UROKINASE  
• METHODES DE PRODUCTION D'UROKINASE RECOMBINANTE  
(71) PROTEOMTECH, INC. [US/US]; 5980, Horton Street, Suite 405, Emeryville, CA 94608 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) LIN, Xinli [US/US]; 128 Wildwood Avenue, Piedmont, CA 94610 (US).  
(74) ZHOU, Jie et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07C  
(11) WO 2004/094345 (13) A2  
(21) PCT/US2004/011822  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,772 17 Apr/avr 2003 US (17.04.2003)  
(30) 60/465,802 25 Apr/avr 2003 US (25.04.2003)  
(30) 60/465,665 25 Apr/avr 2003 US (25.04.2003)  
(30) 60/469,612 9 May/mai 2003 US (09.05.2003)  
(30) 60/493,986 8 Aug/août 2003 US (08.08.2003)  
(30) 60/494,597 11 Aug/août 2003 US (11.08.2003)  
(30) 60/506,341 26 Sep/sep 2003 US (26.09.2003)  
(30) 60/510,246 9 Oct/oct 2003 US (09.10.2003)  
(30) 60/510,318 10 Oct/oct 2003 US (10.10.2003)
- 
- (30) 60/518,453 7 Nov/nov 2003 US (07.11.2003)  
(30) PCT/US04/07070 8 Mar/mar 2004 US (08.03.2004)  
(30) PCT/US04/01586 5 Apr/avr 2004 US (05.04.2004)  
(30) PCT/US04/11255 9 Apr/avr 2004 US (09.04.2004)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PROTECTED MONOMERS  
• MONOMERES PROTEGES  
(71) ALNYLAM PHARMACEUTICALS INC. [US/US]; 790 Memorial Drive., Suite 202, Cambridge, MA 02139 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) MANOHARAN, Muthiah [US/US]; 25 Circle Dr., Weston, MA 02493 (US).  
(74) MYERS, Louis; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07C  
(11) WO 2004/094346 (13) A2  
(21) PCT/US2004/012608  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 10/421,367 23 Apr/avr 2003 US (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PURIFICATION OF SOLVENTS USED FOR THE PURIFICATION OF ALKYLENE OXIDE  
• PURIFICATION DE SOLVANTS UTILISES POUR LA PURIFICATION D'OXYDE D'ALKYLENE  
(71) HUNTSMAN INTERNATIONAL LLC [US/US]; 3040 Post Oak Blvd., Houston, TX 77056 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) SANDERSON, John, R. [US/US]; 7613 Baja Cove, Austin, TX 78759 (US).  
MUELLER, Mark [US/US]; 13103 Mansfield Circle, Austin, TX 78732 (US).  
FARONE, James, P. [US/US]; 8149 Tahoe Parke Circle, Austin, TX 78726 (US).  
(74) WHEWELL, Christopher, J.; Hunstman LLC, Legal Department, P.O. Box 15730, Austin, TX 78761 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07C 4/22, 13/15  
(11) WO 2004/094348 (13) A1  
(21) PCT/US2004/004509  
(22) 13 Feb/fév 2004 (13.02.2004)  
(25) en (26) en  
(30) 10/401,167 26 Mar/mar 2003 US (26.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • THERMAL CRACKING OF DIELS-ALDER ADDUCTS  
• CRAQUAGE THERMIQUE D'ADDUITS DE DIELS-ALDER
- 
- (51)<sup>7</sup> C07C  
(11) WO 2004/094347 (13) A2  
(21) PCT/US2004/007754  
(22) 12 Mar/mar 2004 (12.03.2004)  
(25) en (26) en  
(30) 10/401,632 26 Mar/mar 2003 US (26.03.2003)  
(30) 10/401,618 26 Mar/mar 2003 US (26.03.2003)  
(30) 10/401,616 26 Mar/mar 2003 US (26.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • MOLECULAR SIEVE SSZ-65  
• TAMIS MOLECULAIRE SSZ-65  
(71) CHEVRON U.S.A. INC. [US/US]; 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(71, 72) ELOMARI, Saleh [US/US]; 4460 Rolling Meadows Court, Fairfield, CA 94534 (US).  
(74) SHERIDAN, Richard, J. et al. / etc.; Chevrontexaco Corporation, Law Department, P.O. Box 6006, San Ramon, CA 94583-0806 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07C 4/22, 13/15  
(11) WO 2004/094348 (13) A1  
(21) PCT/US2004/004509  
(22) 13 Feb/fév 2004 (13.02.2004)  
(25) en (26) en  
(30) 10/401,167 26 Mar/mar 2003 US (26.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • THERMAL CRACKING OF DIELS-ALDER ADDUCTS  
• CRAQUAGE THERMIQUE D'ADDUITS DE DIELS-ALDER



(71) **EQUISTAR CHEMICALS, LP** [US/US]; One Houston Center, 1221 McKinney Street, Houston, TX 77010 (US).

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(72, 75) **POWERS, Donald, H.** [US/US]; 9900 Broadway Street, Apartment 1782, Pearland, TX 77584 (US).

(74) **KOZAK, Dennis, M. et al. / etc.;** Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, PA 19073 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 5/27, 15/08

(11) WO 2004/094349 (13) A1

(21) PCT/US2004/008099

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/418,439 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ISOMERIZATION OF ETHYLBENZENE AND XYLENES

• ISOMERISATION D'ETHYLBENZENE ET D'XYLENES

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCHANAN, John, Scott** [US/US]; 13 Terrell Rd., Lambertville, NJ 08530 (US). **FENG, Xiaobing** [US/US]; 13519 Island Palm Court, Houston, TX 77059 (US). **MOHR, Gary, David** [US/US]; 2522 Deep Oak Court, Houston, TX 77059 (US). **STERN, David, L.** [US/US]; 12221 Lake Estates Avenue, Baton Rouge, LA 70810 (US).

(74) **SHERER, Edward, F.;** ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C07C 7/00, 7/10, 35/21, 49/105, C11B 1/00

(11) WO 2004/094350 (13) A1

(21) PCT/US2004/006289

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/400,968 27 Mar/mar 2003 US (27.03.2003)

(30) 10/770,345 2 Feb/fév 2004 US (02.02.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR EXTRACTING LUTEIN FROM GREEN PLANT MATERIALS

• METHODE D'EXTRACTION DE LUTEINE DE MATIERES VEGETALES VERTES

(71, 72) **CROMBIE, Lance B.** [US/US]; 1170 Cannon Valley Drive, #49, Northfield, Minnesota 55057 (US).

(74) **CRIMMINS, John L. et al. / etc.;** 2200 Wells Fargo Center, 90 South Seventh Street, Minneapolis, Minnesota 55402-3901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 29/00

(11) WO 2004/094351 (13) A2

(21) PCT/US2004/012514

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,169 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOVEL HIGH METAL CONTENT INTERMEDIATES

• NOUVEAUX AGENTS INTERMEDIAIRES RICHES EN METAL

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).

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(72, 75) **BURLEY, Joseph, W.** [GB/US]; 3 Acacia Avenue, Robbinsville, NJ 08691 (US). **KHATTAR, Rajesh** [US/US]; 35 Wellington Drive, Basking Ridge, NJ 07920 (US).

(74) **FENNELLY, Richard, P.;** Akzo Nobel Inc., Intellectual Property Department, 7 Livingstone Avenue, Dobbs Ferry, NY 10522-3408 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 29/19, 29/145, 35/08, 35/36, 45/00, 49/303, 49/323 // B01J 23/46, C07B 61/00

(11) WO 2004/094352 (13) A1

(21) PCT/JP2004/004499

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-115094 18 Apr/avr 2003 JP (18.04.2003)

(30) 2003-299181 22 Aug/août 2003 JP (22.08.2003)

(30) 2003-421700 18 Dec/déc 2003 JP (18.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF HYDROGENATING PHENOL

• PROCEDE D'HYDROGENATION D'UN PHENOL

(71) **NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY** [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 1008921 (JP).

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(72, 75) **SHIRAI, Masayuki** [JP/JP]; c/o Tohoku Center, National Institute of Advanced Industrial Science and Technology, 2-1, Nigatake 4-chome, Miyagino-ku, Sendai-shi, Miyagi 9838551 (JP). **RODE, Chandrashekhar, Vasant** [IN/IN]; c/o National Chemical Laboratory, Homi Bhabha Rode, Pune 411008 (IN). **JOSHI, Uday, Dattopant** [IN/IN]; c/o Netaji Subhashchandra Bose College, Nanded 431601 (IN). **TORII, Kazuo** [JP/JP]; c/o Tohoku Center, National Institute of Advanced Industrial Science and Technology, 2-1, Nigatake 4-chome, Miyagino-ku, Sendai-shi, Miyagi 9838551 (JP). **SATO, Takafumi** [JP/JP]; c/o Tohoku Center, National Institute of Advanced Industrial Science and Technology, 2-1, Nigatake 4-chome, Miyagino-ku, Sendai-shi, Miyagi 9838551 (JP).

(74) **SUDO, Masahiko**; Shinyo Bldg. 6F, 6-1, Nihonbashi-Muromachi 1-chome, Chuo-ku Tokyo 1030022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 29/40, 45/29

(11) WO 2004/094353 (13) A1

(21) PCT/IT2003/000254

(22) 23 Apr/avr 2003 (23.04.2003)

(25) it (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR THE MANUFACTURE OF 3,5-BIS(TRIFLUOROMETHYL)PHENYL-1-HYDROXYETHANE AND DERIVATIVE THEREOF

• PROCEDE DE FABRICATION DE 3,5-BIS(TRIFLUOROMETHYL)PHENYL-1-HYDROXYETHANE ET DERIVATIVE DUDIT COMPOSE

(71) **MITENI S.p.A.** [IT/IT]; Via Mecenate, 90, I-20138 Milano (IT).

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(72, 75) **NARDELLO, Alessandro** [IT/IT]; c/o Miteni S.p.A., Loc. Colombara, 91, I-36070 Trissino (IT). **FACCIN, Andrea** [IT/IT]; c/o Miteni S.p.A., Loc. Colombara, 91, I-36070 Trissino (IT). **PRETTO, Marisa** [IT/IT]; c/o Miteni S.p.A., Loc. Colombara, 91, I-36070 Trissino (IT).

(74) **SANTORO, Tiziana; Marietti, Gilson e Trupiano S.r.l., Vizia Larga, 16, I-20122 Milan (IT).**

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 37/74, C08G 65/44, 65/46

(11) WO 2004/094354 (13) A1

(21) PCT/US2004/008258

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/249,462 11 Apr/avr 2003 US (11.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF PURIFYING 2,6-XYLENOL AND METHOD OF PRODUCING POLY(ARYLENE ETHER) THEREFROM

• METHODE DE PURIFICATION DE 2,6-XYLENOL ET METHODE DE PRODUCTION DE POLY(ARYLENE ETHER) A PARTIR DE 2,6-XYLENOL

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INGELBRECHT, Hugo, Gerard, Eduard** [BE/BE]; Nieuwe Heikant 13, B-2910 Essen (BE).

(74) **WINTER, Catherine, J. et al. / etc.;** General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C07C 41/00

(11) WO 2004/094355 (13) A2

(21) PCT/US2004/012415

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/420,980 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SELECTIVE DIMETHYLETHER RECOVERY AND RECYCLE IN A METHANOL-TO-OLEFIN PROCESS

• RECUPERATION SELECTIVE DE DIMETHYLETHER ET RECYCLAGE DANS UN PROCESSUS METHANOL/OLEFINE

(71) **UOP LLC** [US/US]; 25 East Algonquin Road, Des Plaines, IL 60016-6100 (US).

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(72, 75) **SENETAR, John, J.** [US/US]; 25 East Algonquin Road, Des Plaines, IL 60016 (US).

(74) **UOP LLC;** John G. Tolomei, 25 East Algonquin Road, Des Plaines, IL 60016-6100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 41/06, 43/12, 69/96, 305/00, 309/65

(11) WO 2004/094356 (13) A1

(21) PCT/EP2004/050591

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 2003/0255 22 Apr/avr 2003 BE (22.04.2003)

(30) 60/487,258 16 Jul/juil 2003 US (16.07.2003)

(30) 03.09561 1 Aug/août 2003 FR (01.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)



CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C07C 67/303, 69/44

(11) WO 2004/094360 (13) A1

(21) PCT/EP2004/004205

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 103 18 697.2 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR THE HYDRATION OF A MONOOLEFINICALLY UNSATURATED COMPOUND CARRYING AT LEAST TWO FUNCTIONAL GROUPS

• PROCEDE POUR L'HYDROGENATION D'UN COMPOSE MONOOLEFINIQUEMENT INSATURE PORTANT AU MOINS DEUX GROUPES FONCTIONNELS

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STÜER, Wolfram [DE/DE]; Nietzsche Str. 16, 68165 Mannheim (DE). SCHEIDEL, Jens [DE/DE]; Büttemer Weg 12, 69493 Hirschberg (DE). BASSLER, Peter [DE/DE]; Maria-Mandel-Str. 18, 68519 Viernheim (DE). RÖPER, Michael [DE/DE]; Pegauer Str. 10, 67157 Wachenheim (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07C 67/37, 69/675, 69/708, 69/712 // C07B 53/00, C07M 7:00

(11) WO 2004/094361 (13) A1

(21) PCT/JP2004/001986

(22) 20 Feb/fév 2004 (20.02.2004)

(25) ja (26) ja

(30) 2003-116239 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR PRODUCING β-HYDROXYESTER

• PROCEDE POUR PRODUIRE UN SG(B)-HYDROXYESTER

(71) DAISO CO. LTD. [JP/JP]; 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

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(72, 75) IGI, Kimitaka [JP/JP]; c/o Daiso Co., Ltd., 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). FURUKAWA, Yoshiro [JP/JP]; c/o Daiso Co., Ltd., 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). TAKENAKA, Keishi [JP/JP]; c/o Daiso Co., Ltd., 10-8, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; Aoyama & Partners IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 217/28, 229/64, 233/54, 317/44, 323/62, 229/60, C07D 215/12, 213/80, 307/79, A61K 31/47, 31/343, 31/195, 31/216, A61P 19/10, 19/08, 19/02, 29/00, 3/14, 43/00

(11) WO 2004/094362 (13) A1

(21) PCT/JP2004/005886

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-119131 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CaSR ANTAGONIST

• ANTAGONISTE DE CASR

(71) JAPAN TOBACCO INC. [JP/JP]; 2-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8422 (JP).

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(72, 75) SHINAGAWA, Yuko [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1 Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). IN-OUE, Teruhiko [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1 Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). KIGUCHI, Toshihiro [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1 Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). IKENOGAMI, Taku [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1 Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). OGAWA, Naoki [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1 Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). FUKUDA, Kenji [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1 Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). NAKAGAWA, Takashi [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1 Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). SHINDO, Masanori [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1 Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP). SOEJIMA, Yuki [JP/JP]; c/o Central Pharmaceutical Research Institute of Japan Tobacco Inc., 1-1 Murasaki-cho, Takatsuki-shi, Osaka 569-1125 (JP).

(74) TAKASHIMA, Hajime; Fujimura Yamato Seimei Bldg., 2-14, Fushimimachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07C 251/08, 323/25, C07D 213/64, 213/70, 279/12, A61K 31/166, 31/54, 31/4402, A61P 25/18, 25/28

(11) WO 2004/094363 (13) A1

(21) PCT/US2004/005234

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/456,911 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MUSCARINIC AGONISTS

• AGONISTES MUSCARINIQUES

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

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(72, 75) **ALLEN, Jennifer, Rebecca** [US/US]; 5886 North Delaware, Indianapolis, IN 46220 (US). **HITCHCOCK, Stephen, Andrew** [US/US]; 587 North Ventu Park Road, Suite E, PMB 711, New Bury Park, CA 91320 (US). **TURNER, William, Wilson, Junior** [US/US]; P.O. Box 152, Lawai, HI 96765 (US). **LIU, Bin** [CN/US]; 12254 Limestone Drive, Fishers, IN 46038 (US).

(74) **TUCKER, Tina, M. et al.** / etc.; Patent Division, Eli Lilly and Company, P.O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C07C 253/30, 255/07

(11) WO 2004/094364 (13) A1

(21) PCT/EP2004/004040

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 23 803.4 22 Apr/avr 2003 DE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR THE ISOMERIZATION OF CIS-2-PENTENENITRILE TO FORM TRANS-3-PENTENENITRILE

• PROCÉDE D'ISOMÉRISEMENT DE CIS-2-PENTENENITRILE EN TRANS-3-PENTENENITRILE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARTSCH, Michael** [DE/DE]; Konrad-Adenauer-Strasse 38, 67433 Neustadt (DE). **BAUMANN, Robert** [DE/DE]; U 4, 18, 68161 Mannheim (DE). **HADERLEIN, Gerd** [DE/DE]; Hochgewanne 93a, 67269 Grünstadt (DE). **FLORES, Miguel Angel** [ES/ES]; Acequia 27, E-28300 Aranjuez (ES). **JUNGKAMP, Tim** [DE/BE]; Magnolialaan 19, B-2950 Kapellen (BE). **LUYKEN, Hermann** [DE/DE]; Brüsseler Ring 34, 67069 Ludwigshafen (DE). **SCHIEDL, Jens** [DE/DE]; Büttemer Weg 12, 69493 Hirschberg (DE). **SIEGEL, Wolfgang** [DE/DE]; Goethestr. 34b, 67117 Limburgerhof (DE). **KUNSMANN-KEITEL, Dagmar, Pascale** [DE/DE]; Goethestrasse 34a, 67117 Limburgerhof (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07C 303/16, 303/22, 309/82, 309/84

(11) WO 2004/094365 (13) A1

(21) PCT/JP2004/005874

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-119874 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PRODUCING FLUORINE-CONTAINING SULFONYL FLUORIDE COMPOUND

• PROCÉDE DE PRODUCTION D'UN COMPOSE FLUORURE DE SULFONYLE CONTENANT DU FLUOR

(71) **ASAHI GLASS COMPANY, LIMITED** [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 1008405 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURATA, Koichi** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP). **OKAZOE, Takashi** [JP/JP];

c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP). **MUROTANI, Eisuke** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP).

(74) **SENMYO, Kenji et al.** / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 1010042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07C 303/32, 309/62

(11) WO 2004/094366 (13) A1

(21) PCT/US2004/011684

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/417,788 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR PRODUCTION OF ESSENTIALLY CHLORIDE-FREE CALCIUM SULFONATE

• PROCÉDE RELATIF A L'ELABORATION DE SULFONATE DE CALCIUM ESSENTIELLEMENT DEPOURVU DE CHLORURE

(71) **SHELL OIL COMPANY** [US/US]; One Shell Plaza, P.O. Box 2463, Houston, TX 77252-2463 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE KRAKER, Abraham, Robert** [CA/US]; 711 Canon Lane, Sugar Land, TX 77479 (US). **HOLMES, Steven, Allen** [US/US]; 18123 Oakhampton, Houston, TX 77084 (US). **KAUSHIK, Krishna, Rangraj** [US/US]; 11002 April Way, Houston, TX 77024 (US).

(74) **IWATA, Yukiko**; Shell Oil Company, One Shell Plaza, P.O. Box 2463, Houston, TX 77252-2463 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D

(11) WO 2004/094367 (13) A2

(21) PCT/EP2004/004172

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 03009198.7 22 Apr/avr 2003 EP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A PROCESS FOR THE STEREOSELEC-  
TIVE SYNTHESIS OF LACTONES

• PROCEDE DE SYNTHESE STEREOSE-  
LECTIVE DE LACTONES

(71) DSM IP ASSETS B.V. [NL/NL]; Het Over-  
loon 1, NL-6411 TE Heerlen (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WEHRLI, Christof [CH/CH]; In den  
Gaerten 1, CH-4208 Witterswil (CH).

(74) KELLER, Günter et al. / etc.; Lederer  
& Keller, Prinzregentenstrasse 16, 80538  
München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07D

(11) WO 2004/094368 (13) A2

(21) PCT/IB2004/002512

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 155545 21 Apr/avr 2003 IL  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NEW FORMS OF CABERGOLINE

• FORMES NOUVELLES DE CABERGO-  
LINE

(71) FINETECH LABORATORIES, LTD.  
[IL/IL]; Technion City, P.O. Box 3557, 31032  
Haifa (IL).

(for all designated States except / pour tous  
les États désignés sauf US)

(71, 72) GUTMAN, Arie [IL/IL]; 9/22 Shindler  
Street, 31032 Haifa (IL). TISHIN, Boris  
[IL/IL]; 46/2 Leon Blum, 38532 Haifa (IL).  
VILENSKI, Alex [IL/IL]; 13A, Haaliya  
Hashnia, 35254 Haifa (IL). AGAZADE, Al-  
bay [IL/IL]; 95/46, Shd. Ben-Gurion, 26424  
Kiryat Motzkin (IL). PERTZIKOV, Boris  
[IL/IL]; Nativ Harimon 4, 36781 Haifa (IL).

NISNEVICH, Gennady [IL/IL]; 23 Margalit  
St., 34464 Haifa (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07D

(11) WO 2004/094369 (13) A2

(21) PCT/IL2004/000343

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,097 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STABILIZED DERIVATIVES OF  
ASCORBIC ACID

• DERIVES STABILISES D'ACIDE AS-  
CORBIQUE

(71) TAGRA BIOTECHNOLOGIES LTD.  
[IL/IL]; P.O.Box 8213, 42293 Netanya (IL).  
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(72, 75) Kvitnitsky, Emma [IL/IL]; 25/15  
Vradim Street, 11632 Kiryat Shmona (IL).  
BELAKHOV, Valery [IL/IL]; 5/2 Yaacov  
Chazan Street, 32881 Haifa (IL). BARTSOV,  
Vladimir [IL/IL]; 45/2 Menachem Be-  
gin Street, 11631 Kiryat Shmona (IL).  
SHAPIRO, Yury [IL/IL]; 19/8 Hanasi  
Street, 54021 Givat Shmuel (IL).

(74) BEN-AMI, Paulina; Ben-Ami & Asso-  
ciates, P.O. BOX 94, 76100 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07D

(11) WO 2004/094370 (13) A2

(21) PCT/US2003/028392

(22) 10 Sep/sep 2003 (10.09.2003)

(25) en (26) en

(30) 60/409,439 10 Sep/sep 2002 US  
(10.09.2002)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANTIBACTERIAL PYRAZOLE CAR-  
BOXYLIC ACID HYDRAZIDES

• HYDRAZIDES PYRAZOLE ACIDE  
CARBOXYLIQUE ANTIBACTE-  
RIENNES

(71) MICROBIOTIX, INC. [US/US]; One Inno-  
vation Drive, Worcester, MA 01605 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BUTLER, Michelle, M. [US/US]; 18  
Marion Avenue, Auburn, MA 01501 (US).

(74) YANKWICH, Leon, R. et al. / etc.;  
Yankwich & Associates, 201 Broadway,  
Cambridge, MA 02139 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT  
RU RO SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA  
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les  
designations

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D

(11) WO 2004/094371 (13) A2

(21) PCT/US2004/011463

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/463,673 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HETEROCYCLIC CYCLOPENTYL  
TETRAHYDROISOQUINOLINE AND  
TETRAHYDROPYRIDOPYRIDINE  
MODULATORS OF CHEMOKINE RE-  
CEPTOR ACTIVITY

• MODULATEURS TETRAHYDROISO-  
QUINOLINE ET TETRAHYDROPY-  
RIDOPYRIDINE CYCLOPENTYLES  
HETEROCYCLIQUES DE L'ACTIVITE  
DES RECEPTEURS DE CHIMIOKINE

(71) MERCK & CO., INC. [US/US]; 126 East  
Lincoln Avenue, Rahway, New Jersey 07065-  
0907 (US). MERCK SHARP & DOHME  
LIMITED [GB/GB]; Hertford Road, Hod-  
desdon Hertfordshire EN11 9BU (GB).

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les États désignés sauf US)

(72, 75) BUTORA, Gabor [CZ/US]; 126  
East Lincoln Avenue, Rahway, New Jer-  
sey 07065-0907 (US). GOBLE, Stephen,  
D. [US/US]; 126 East Lincoln Avenue,  
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PASTERNAK, Alexander [US/US]; 126  
East Lincoln Avenue, Rahway, New Jersey  
07065-0907 (US). YANG, Lihu [US/US];  
126 East Lincoln Avenue, Rahway, New  
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[US/US]; 126 East Lincoln Avenue, Rahway,  
New Jersey 07065-0907 (US). MOYES,

- Christopher, R. [GB/GB]; Hertford Road, Hoddesdon Hertfordshire EN11 9BU (GB).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D
- (11) **WO 2004/094372** (13) A2
- (21) PCT/US2004/011856
- (22) **15 Apr/avr 2004 (15.04.2004)**
- (25) en (26) en
- (30) 60/463,452 **16 Apr/avr 2003 (16.04.2003)** US
- (30) 10/824,025 **14 Apr/avr 2004 (14.04.2004)** US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BIARYLMETHYL INDOLINES, INDOLES AND TETRAHYDROQUINOLINES, USEFUL AS SERINE PROTEASE INHIBITORS
- BIARYLMETHYL INDOLINES, INDOLES ET TETRAHYDROQUINOLINES UTILES EN TANT QU'INHIBITEURS DE LA SERINE PROTEASE
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; Route 206 and Province Line Road, Princeton, NJ 08543-4000 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SMALLHEER, Joanne, M.** [US/US]; 709 Wynnewood Drive, Yardley, PA 19067 (US). **QUAN, Mimi, L.** [US/US]; 1437 Innis Lane, Yardley, PA 19067 (US). **WANG, Shuaige** [US/US]; 49 Sheffield Lane, West Chester, PA 12380 (US). **BISACCHI, Gregory, S.** [US/US]; 130 Mountain Road, Ringoes, NJ 08551 (US).
- (74) **BELFIELD, Jing et al. / etc.**; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D
- (11) **WO 2004/094374** (13) A2
- (21) PCT/US2004/009496
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 10/421,564 **23 Apr/avr 2003 (23.04.2003)** US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PREPARATION OF (S)-CLOPIDOGREL AND RELATED COMPOUNDS
- PREPARATION DE (S)-CLOPIDOGREL ET COMPOSES ASSOCIES
- (71) **RHODIA PHARMA SOLUTIONS INC. (formally Rhodia Chirex Inc.)** [US/US]; 259 Prospect Plains Road, Cranbury, NJ 08512 (US).
- (72) **SILVA, Richard, A.**; 6 Kersey Road, Foxborough, MA 02035 (US).
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07D
- (11) **WO 2004/094373** (13) A2
- (21) PCT/US2004/008319
- (22) **18 Mar/mar 2004 (18.03.2004)**
- (25) en (26) en
- (30) 60/458,595 **28 Mar/mar 2003 (28.03.2003)** US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A METHOD OF PROVIDING A STEROID-SPARING BENEFIT WITH A CYCLOOXYGENASE-2 INHIBITOR AND COMPOSITIONS THEREWITH
- PROCEDE D'ADMINISTRATION DE STEROIDE A UN NIVEAU BENEFIQUE AVEC UN INHIBITEUR DE LA CYCLO-OXYGENASE-2 ET COMPOSITIONS CORRESPONDANTES
- (71) **PHARMACIA CORPORATION** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SEIBERT, Karen** [US/US]; 147 Marine Lane, St. Louis, Missouri 63146 (US).
- (74) **NELSON MULLINS RILEY & SCARBOROUGH LLP**; P.O. Box 11070, Columbia, South Carolina 29211-1070 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07D 207/26, 409/12, 403/12, 401/12, 405/12, 417/12, 417/14, A61K 31/4025, A61P 25/16, 25/18, 25/28
- (11) **WO 2004/094375** (13) A2
- (21) PCT/US2004/011765
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 60/463,054 **16 Apr/avr 2003 (16.04.2003)** US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PHOSPHODIESTERASE 4 INHIBITORS
- INHIBITEURS DE LA PHOSPHODIESTERASE 4
- (71) **MEMORY PHARMACEUTICALS CORPORATION** [US/US]; 100 Philips Parkway, Montvale, NJ 07645 (US). **HOPFMANN LA-ROCHE INC.** [US/US]; 34 Kingsland Street, Nutley, NJ 07110 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TEHIM, Ashok** [US/US]; 26 N. Walnut Street, Ridgewood, NJ 07450 (US). **HOPPER, Allen** [US/US]; 29 Dean Street, Glen Rock, NJ 07452 (US). **LIU, Ruiping** [US/US]; 95 High Street, Apt. 1, Huntington, NY 11743 (US). **KUESTER, Erik** [US/US]; 3 Haines Court, Franklin, NJ 07416 (US). **DUNN, Robert, F.** [US/US]; 3 Osborne Place, Towaco, NJ 07082 (US). **RENAU, Thomas, E.** [US/US]; 7 Philip Lane, San Carlos, CA 94070 (US).
- (74) **HEANEY, Brion, P. et al. / etc.**; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza 1, Suite 1400, 2200 Clarendon Boulevard, Arlington, VA 22201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 209/16, 209/26, 213/38, C07C  
259/06, C07D 403/12, A61K 31/16, A61P  
35/00

(11) WO 2004/094376 (13) A1

(21) PCT/US2004/011990

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,479 17 Apr/avr 2003 US  
(17.04.2003)

(30) 60/484,053 30 Jun/juin 2003 US  
(30.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HYDROXAMIC ACIDS USEFUL IN  
THE TREATMENT OF HYPER-PRO-  
LIFERATIVE DISORDERS

• ACIDES HYDROXAMIQUES  
UTILISES POUR TRAI-  
TER DES TROUBLES  
D'HYPERPROLIFERATION

(71) BAYER PHARMACEUTICALS COR-  
PORATION [US/US]; 400 Morgan Lane,  
West Haven, CT 06516 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WANG, Yamin [CN/US]; 10 Russet  
Road, Sandy Hook, CT 06482 (US). DAI,  
Miao [CN/US]; 83-72 Daniels Street, Briar-  
wood, NY 11435 (US). HATOUM-MOK-  
DAD, Holia [US/US]; 43 Joseph Lane,  
Hamden, CT 06514 (US). HONG, Zhenqiu  
[CN/US]; 11A Robert Treat Drive, Milford,  
CT 06460 (US). KLUENDER, Harold, C.  
E. [US/US]; 27 Academy Road, Trumbull,  
CT 06611 (US). LADOUCEUR, Gaetan, H.  
[CA/US]; 103 Golden Hill Drive, Guilford,  
CT 06437 (US). LI, Tindy [US/US]; 102  
Wharton Place, West Haven, CT 06516 (US).  
LOWE, Derek, B. [US/US]; 31 Bittersweet  
Lane, Hamden, CT 06518 (US). MULL,  
Eric, S. [US/US]; 1937 Little Meadow Road,  
Guilford, CT 06437 (US). SHELEKHIN,  
Tatiana, E. [US/US]; 4 High Valley Road,  
Ridgefield, CT 06877 (US). SMITH, Roger,  
A. [US/US]; 65 Winterhill Road, Madison,  
CT 06443 (US). WONG, Wai, C. [US/US];  
10 Green Haven Road, Trumbull, CT 06611  
(US).

(74) GREENMAN, Jeffrey, M. et al. / etc.;  
Bayer Pharmaceuticals Corporation, 400  
Morgan Lane, West Haven, CT 06516 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations; (t) for all designations / pour  
toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D 209/24, G01N 30/48, B01J 20/24 //  
C07B 57/00, C07M 7/00

(11) WO 2004/094377 (13) A1

(21) PCT/JP2004/005924

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-119819 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR SEPARATION OF OP-  
TICALLY ACTIVE DIHYDROXY-HEP-  
TENOIC ACID ESTERS

• PROCEDE POUR SEPARER DES ES-  
TERS D'ACIDE DIHYDROXY-HEPTE-  
NOIQUE OPTIQUEMENT ACTIFS

(71) DAICEL CHEMICAL INDUSTRIES  
LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Os-  
aka, 5900905 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KUDO, Keiko [JP/JP]; 14-14, Sengen  
1-chome, Tsukuba-shi, Ibaraki, 3050047 (JP).  
TACHIBANA, Kozo [JP/JP]; 14-14, Sengen  
1-chome, Tsukuba-shi, Ibaraki, 3050047  
(JP). MURAZUMI, Koichi [JP/JP]; 564-16,  
Kaichikitamachi, Aboshi-ku, Himeji-shi,  
Hyogo, 6711251 (JP).

(74) KAWAGUCHI, Yoshiyuki et al. / etc.;  
Acropolis 21 Building 6th floor, 4-10, Hi-  
gashi N ihonbashi 3-chome, , Chuo-ku,  
Tokyo, 1030004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07D 209/88

(11) WO 2004/094378 (13) A1

(21) PCT/IN2004/000104

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 328/MAS/2003 21 Apr/avr 2003 IN  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR THE PREPARATION OF  
CARVEDILOL FORM-II

• PROCEDE DE FABRICATION DE CAR-  
VEDILOL, FORME-II

(71) MATRIX LABORATORIES LTD [IN/IN];  
1-1-151/1, IV Floor, Sairam Towers, Alexan-  
der Road, Secunderabad 500 003, Andhra  
Pradesh (IN).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) RAMANJANEYULU, Gorantla, Seeta  
[IN/IN]; Plot No-12, Sai Ansh Arcade, Dur-  
gavihar Colony, Tirumalgerry, Secunder-  
abad 500 015 (IN). KUMAR, Indukuri,  
Venkata, Sunil [IN/IN]; Flat No-104,  
Raghavendra Towers, KPHB - VI Phase,  
Kukatpally, Hyderabad 500 072 (IN). RAO,  
Ketavarapu, Narasimha [IN/IN]; C3-521,  
Huda Colony, Chandanagar, Hyderabad 500  
050 (IN). KISHORE, Jammula, Vera,  
Venkata, Krishna [IN/IN]; Flat No-102B,  
Vivekananda Apartments, Vivekananda Na-  
gar Colony, hyderabad 500 072 (IN).

(74) MATRIX LABORATORIES LTD; RAO,  
CH., V. Ramana, Plot No. 38, Phase IV, Ida,  
Jeedimetla 500 055, Hyderabad (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designation / pour la  
désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D 211/00

(11) WO 2004/094379 (13) A2

(21) PCT/US2004/011953

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,697 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)



(54) • SUBSTITUTED HETEROCYCLIC COMPOUNDS AND METHODS OF USE

• COMPOSES HETEROCYCLIQUES SUBSTITUES ET LEURS PROCÉDES D'UTILISATION

(71) AMGEN INC. [US/US]; M/S 27-4-A, One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).

(72) DOMINGUEZ, Celia; 963 Cedarcliff Court, Thousand Oaks, CA 91362 (US). GOLDBERG, Martin, H.; 6220 Owensmouth Avenue, #360, Woodland Hills, CA 91367 (US). TAMAYO, Nuria, A.; 4394 Camino de la Rosa, Newbury Park, CA 91320 (US).

(74) PERSON, Richard, V.; Amgen Inc., M/S 27-4-A, One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 211/44, 211/54, 401/12, 409/12, A61K 31/445, A61P 25/06

(11) WO 2004/094380 (13) A1

(21) PCT/US2004/009283

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/464,396 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • (PIPERIDINYL)PHENYL, (PIPERIDINYL)PYRIDINYL, (PIPERIDINYL)SULFANYL, (PIPERIDINYL)SULFANYL)PYRIDINYL AND (PIPERIDINYL)SULFANYL)PYRIDINYL COMPOUNDS AS 5-HT<sub>1F</sub> AGONISTS

• COMPOSES (PIPERIDINYL)PHENYLE, (PIPERIDINYL)PYRIDINYLE, (PIPERIDINYL)SULFANYL)PHENYLE ET (PIPERIDINYL)SULFANYL)PYRIDINYLE UTILISES COMME AGONISTES DES RECEPTEURS 5-HT<SB>1F</SB>

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLANCO-PILLADO, Maria-Jesus [ES/US]; 7278 North Hawthorne Lane, Indianapolis, IN 46250 (US). BENESH, Dana, Rae [US/US]; 13287 Beckwith Drive, Westfield, IN 46074 (US). FILLA, Sandra, Ann [US/US]; 1542 Arborwoods Drive, Brownsburg, IN 46112 (US). HUDZIAK, Kevin, John [US/US]; 5944 Magnificent Lane, Indianapolis, IN 46234 (US). MATHES, Brian, Michael [US/US]; 7840 Fawnwood Drive,

Indianapolis, IN 46278 (US). KOHLMAN, Daniel, Timothy [US/US]; 6281 East Old Otto Court, Camby, IN 46113 (US). YING, Bai-Ping [US/US]; 7717 Hidden Ridge, Fishers, IN 46038 (US). ZHANG, Deyi [US/US]; 1372 Kirklees Drive, Carmel, IN 46032 (US). XU, Yao-Chang [US/US]; 10815 Timber Springs Drive East, Fishers, IN 46038 (US).

(74) TUCKER, Craig, R. et al. / etc.; Patent Division, Eli Lilly and Company, P.O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D 211/58, 409/12, A61K 31/452, A61P 37/02, 37/08

(11) WO 2004/094381 (13) A1

(21) PCT/GB2004/001559

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308801.0 16 Apr/avr 2003 GB (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CYCLIC QUATERNARY AMINO DERIVATIVES AS MODULATORS OF CHEMOKINE RECEPTORS

• DERIVES AMINO QUATERNAIRES CYCLIQUES UTILISES COMME RECEPTEURS DE CHIMIOKINE

(71) CELLTECH R & D LIMITED [GB/GB]; 208 Bath Road, Slough, Berkshire SL1 3WE (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATSON, Robert, John [GB/GB]; 208 Bath Road, Slough, Berkshire SL1 3WE (GB). MEISSNER, Johannes, Wilhelm, Georg [NL/GB]; 208 Bath Road, Slough, Berkshire SL1 3WE (GB). OWEN, David, Alan [GB/GB]; 208 Bath Road, Slough, Berkshire SL1 3WE (GB).

(74) THOMPSON, John; Celltech R & D Limited, Patents Department, 208 Bath Road, Slough, Berkshire SL1 3WE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 211/72, 207/22, 263/28, 265/08, 277/18, 279/06, 409/12, A61P 25/28, 25/18, A61K 31/4025, 31/421, 31/426, 31/4402, 31/440

(11) WO 2004/094382 (13) A1

(21) PCT/US2004/005235

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/456,913 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MUSCARINIC AGONISTS  
• AGONISTES MUSCARINIQUES

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALLEN, Jennifer, Rebecca [US/US]; 5886 North Delaware, Indianapolis, IN 46220 (US). HITCHCOCK, Stephen, Andrew [US/US]; 587 North Ventu Park Road, Suite E, PMB 711, New Bury Park, CA 91320 (US). TURNER, William, Wilson, Jr. [US/US]; P.O. Box 152, Lawai, HI 96765 (US). LIU, Bin [CN/US]; 12254 Limestone Drive, Fishers, IN 46038 (US).

(74) TUCKER, Tina, M. et al. / etc.; Patent Division, Eli Lilly and Company, P.O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> C07D 213/48, 213/56

(11) WO 2004/094383 (13) A1

(21) PCT/EP2004/003272

(22) 27 Mar/mar 2004 (27.03.2004)

(25) de (26) de

(30) 103 18 690.5 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR THE PRODUCTION OF  
NICOTINALDEHYDES

- PROCEDE POUR PRODUIRE DES AL-  
DEHYDES DE NICOTINE

(71) MERCK PATENT GMBH [DE/DE];  
Frankfurter Strasse 250, 64293 Darmstadt  
(DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BOKEL, Heinz-Hermann [DE/DE];  
Gundolfstrasse 2, 64287 Darmstadt (DE).  
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1 b, 64572 Büttelborn (DE). GANTZERT,  
Ludwig [DE/DE]; Auerbacher Strasse 29,  
64319 Pfungstadt (DE). KNIERIEME,  
Ralf [DE/DE]; Sudetenstrasse 16, 64846  
Gross-Zimmern (DE).

(74) MERCK PATENT GMBH; Frankfurter  
Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07D 213/81, 241/24, 231/14, 249/10,  
261/18, 233/90, 213/82, 333/38, 311/68,  
215/46, C07C 233/78, C07D 335/06, A61K  
31/455, 31/47, 31/4995, A61P 25/28

(11) WO 2004/094384 (13) A2

(21) PCT/US2004/012197

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,687 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BENZAMIDE 2-HYDROXY-3-DI-  
AMINOALKANES

- BENZAMIDE 2-HYDROXY-3-DIAMI-  
NOALCANES

(71) ELAN PHARMACEUTICALS, INC.  
[US/US]; 800 Gateway Boulevard, South San  
Francisco, Ca 94080 (US). PHARMACIA  
& UPJOHN COMPANY [US/US]; 301  
Henrietta Street, Kalamazoo, MI 49007 (US).  
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les États désignés sauf US)

(72, 75) AQUINO, Jose [US/US]; 268 Canter-  
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(US). TENBRINK, Ruth [US/US]; 125  
Skyview Lane, Labadie, MO 63055 (US).

(74) SHALTOU, Raafat, M.; McDonnell  
Boehnen Hulbert & Berghoff, 300 South  
Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07D 215/12 // C07B 57/00, C07M 7/00

(11) WO 2004/094385 (13) A1

(21) PCT/JP2004/005894

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-119807 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PRODUCING ETHYL  
(3R, 5S, 6E)-7-[2-CYCLOPROPYL-4-(4-  
FLUOROPHENYL)QUINOLINE-3-YL]-  
3,5-DIHYDROXY-6-HEPTENOATE

- PROCEDE DE PRODUCTION D'UN  
(3R, 5S, 6E)-7-[2-CYCLOPRO-  
PYL-4-(4-FLUOROPHENYL)QUINO-  
LINE-3-YL]-3,5-DIHYDROXY-6-HEP-  
TANOATE D'ETHYLE

(71) DAICEL CHEMICAL INDUSTRIES,  
LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Os-  
aka 5900905 (JP). NISSAN CHEMICAL  
INDUSTRIES, LTD. [JP/JP]; 7-1, Kanda  
Nishiki-cho 3-chome, Chiyoda-ku, Tokyo  
1010054 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ONISHI, Atsushi [JP/JP]; 14-14, Sen-  
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3050047 (JP).

(74) KAWAGUCHI, Yoshiyuki et al. / etc.;  
Acropolis 21 Building 6th floor, 4-10, Hi-  
gashi Nihonbashi 3-chome, Chuo-ku, Tokyo  
1030004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 217/22, A61K 31/472, A61P 31/12,  
35/00, C07D 413/12, 405/12, 409/12

(11) WO 2004/094386 (13) A1

(21) PCT/US2004/006093

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,988 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ISOQUINOLINE-5-SULFONIC ACID  
AMIDES AS INHIBITORS OF AKT  
(PROTEIN KINASE B)

- UTILISATION D'AMIDES D'ACIDE  
ISOQUINOLINE-5-SULFONIQUE  
COMME INHIBITEURS DE L'AKT  
(PROTEINE KINASE B)

(71) ELI LILLY AND COMPANY [US/US];  
Lilly Corporate Center, Indianapolis, IN  
46285 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) AL AWAR, Rima, Salim [CA/US];  
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Indianapolis, IN 46220 (US). HENRY, Ken-  
neth, James, Jr. [US/US]; 10917 Trumbull

Circle, Carmel, IN 46032 (US). **JOSEPH, Sajan** [US/US]; 2239 Galahad Drive, Indianapolis, IN 46228 (US). **LIN, Ho-Shen** [US/US]; 8128 Trevellian Way, Indianapolis, IN 46217 (US). **LOPEZ, Jose, Eduardo** [DO/US]; 10224 Chestwick Lane, Fishers, IN 46038 (US). **RICHETT, Michael, Enrico** [US/US]; 5832 Baron Court, Indianapolis, IN 46250 (US). **SOMOZA, Carmen** [ES/ES]; Lilly, S.A. Avenida de la Industria 30, E-28100 Alcobendas (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D 223/22

(11) WO 2004/094387 (13) A1

(21) PCT/US2004/009181

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/417,861 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ALKYLATED IMINODIBENZYL AS ANTIOXIDANTS

• IMINODIBENZYLES ALKYLES UTILISES COMME ANTIOXYDANTS

(71) CROMPTON CORPORATION [US/US]; Benson Road, Middlebury, CT 06749 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUYCK, Karl, J. [US/US]; 150 Forest Ridge Road, Waterbury, CT 06708 (US). NALESNIK, Theodore, E. [US/US]; P.O. Box 6, Hopewell Junction, NY 12533 (US).

(74) DILLWORTH, Michael, P.; Crompton Corporation, Benson Road, Middlebury, CT 06749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 231/56, 401/12, 409/12, 403/12, 403/04, 405/14, 405/12, 413/12, 409/14, 401/14, 403/14, 401/04, A61K 31/416, A61P 19/00, C07D 405/04

(11) WO 2004/094388 (13) A2

(21) PCT/US2004/011958

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/414,839 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS FOR TREATING AN INFLAMMATORY CONDITION OR INHIBITING JNK

• METHODES DE TRAITEMENT D'UNE MALADIE INFLAMMATOIRE OU D'INHIBITION DE LA PROTEINE JNK

(71) SIGNAL PHARMACEUTICALS, LLC [US/US]; 4550 Towne Centre Court, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BHAGWAT, Shripad, S. [US/US]; 5015 Ashley Falls Court, San Diego, CA 92130 (US). SATOH, Yoshitaka [JP/US]; 11460 Larmier Circle, San Diego, CA 92131 (US). SAKATA, Steven, T. [US/US]; 5290 Timber Branch Way, San Diego, CA 92130 (US). BUHR, Chris, A. [US/US]; 355 Belmont Avenue, Redwood City, CA 94061 (US). ALBERS, Ronald [US/US]; 615 Nautilus Street, La Jolla, CA 92037 (US). SAPIENZA, John [US/US]; 1645 Ridge Rock Court, Chula Vista, CA 91913 (US). PLANTEVIN, Veronique [FR/US]; 836 West Pennsylvania Avenue, Apt. 112, San Diego, CA 92103 (US). CHAO, Qi [US/US]; 7696 Marker Road, San Diego, CA 92130 (US). SAHASRABUDHE, Kiran [IN/US]; 9820 Reagan Road, Apt. 210, San Diego, CA 92126 (US). FERRI, Rachel [US/US]; 4385 Georgia St., #6, San Diego, CA 92103 (US).

(74) INSOGNA, Anthony, M. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 241/40, 403/10, 413/10, 417/10, C09K 11/06, H01L 29/786, 51/00, 29/80, H05B 33/14, 33/22

(11) WO 2004/094389 (13) A1

(21) PCT/JP2004/005022

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-115102 18 Apr/avr 2003 JP (18.04.2003)

(30) 2003-302998 27 Aug/août 2003 JP (27.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • QUINOXALINE DERIVATIVES, AND ORGANIC SEMICONDUCTOR DEVICES, ELECTROLUMINESCENT DEVICES AND ELECTRONIC APPLIANCES, MADE BY USING THE DERIVATIVES

• DERIVES DE QUINOXALINE, ET DISPOSITIFS A SEMI-CONDUCTEUR ORGANIQUE, DISPOSITIFS ELECTROLUMINESCENTS ET APPAREILS ELECTRONIQUES REALISES A L'AIDE DESDITS DERIVES

(71) SEMICONDUCTOR ENERGY LABORATORY CO. LTD. [JP/JP]; 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).

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(72, 75) SHITAGAKI, Tomoko [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). TOKUDA, Atsushi [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). ABE, Hiroko [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). NOMURA, Ryoji [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP). SEO, Satoshi [JP/JP]; c/o SEMICONDUCTOR ENERGY LABORATORY CO., LTD. 398, Hase Atsugi-shi, Kanagawa, 2430036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07D 243/10, 333/38

(11) WO 2004/094390 (13) A1

(21) PCT/US2003/011688

(22) 16 Apr/avr 2003 (16.04.2003)

(25) en (26) en

(30) 60/456,270 20 Mar/mar 2003 US  
(20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • 2-METHYL-THIENO-BENZODI-  
AZEPINE PROCESS

• PROCEDE DE PREPARATION DE  
2-METHYL-THIENO-BENZODIAZE-  
PINE

(71) WATSON PHARMACEUTICALS, INC.  
[US/US]; 311 Bonnie Circle, Corona, CA  
92880 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WANG, Zhengyong [CN/CN]; c/o Wat-  
son Pharmaceuticals, Inc., 311 Bonnie Circle,  
Corona, CA 92880 (US).

(74) LEAHY, Amy et al. / etc.; Frommer  
Lawrence & Haug LLP, 745 Fifth Avenue,  
New York, NY 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SC SD SE SG SK SL TJ TM TN TR TT  
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> C07D 257/04

(11) WO 2004/094391 (13) A2

(21) PCT/US2004/012316

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,197 21 Apr/avr 2003 US  
(21.04.2003)

(30) 60/471,871 20 May/mai 2003 US  
(20.05.2003)

(30) 60/473,640 28 May/mai 2003 US  
(28.05.2003)

(30) 60/512,557 16 Oct/oct 2003 US  
(16.10.2003)

(30) PCT/US04/008322 17 Mar/mar 2004 US  
(17.03.2004)

(30) 10/802,627 17 Mar/mar 2004 US  
(17.03.2004)

(30) 60/557,497 30 Mar/mar 2004 US  
(30.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR THE PREPARATION OF  
VALSARTAN AND INTERMEDIATES  
THEREOF

• PROCEDE DE PREPARATION DU  
VALSARTAN ET DE SES INTERME-  
DIAIRES

(71) TEVA PHARMACEUTICAL INDUS-  
TRIES LTD. [IL/IL]; 5 Basel Street, P.O.  
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(for all designated States except / pour tous  
les États désignés sauf BB US)

(71) TEVA PHARMACEUTICALS USA, INC.  
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1090, North Wales, PA 19454-1090 (US).  
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(72, 75) HAREL, Zvi [IL/IL]; Leon Blum, 1,  
44253 Kfar Saba (IL). RUKHMAN, Igor  
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nion City, 32000 Haifa (IL). DOLITZKY,  
Ben-Zion [IL/IL]; Lohame HaGhetto 32,  
49651 Petah Tiqva (IL). FLYAKS, Ev-  
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Kiriath Bialik (IL). KOLTAI, Tamas [IL/IL];  
HaHistadrut Str. 14, Petah Tiqva (IL).  
ARONHIME, Judith [IL/IL]; Rehov Harav  
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(74) BRAINARD, Charles, R. et al. / etc.;  
Kenyon & Kenyon, One Broadway, New  
York, NY 10004-1050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07D 257/04

(11) WO 2004/094392 (13) A1

(21) PCT/US2004/012780

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,197 21 Apr/avr 2003 US  
(21.04.2003)

(30) 60/471,871 20 May/mai 2003 US  
(20.05.2003)

(30) 60/512,557 16 Oct/oct 2003 US  
(16.10.2003)

(30) 60/537,994 21 Jan/jan 2004 US  
(21.01.2004)

(30) 60/557,497 30 Mar/mar 2004 US  
(30.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR THE PREPARATION OF  
VALSARTAN

• PROCESSUS DE PREPARATION DE  
VALSARTAN

(71) TEVA PHARMACEUTICAL INDUS-  
TRIES LTD. [IL/IL]; 5 Basel Street, P.O.  
Box 3190, 49131 Petah Tiqva (IL).

(for all designated States except / pour tous  
les États désignés sauf BB US)

(71) TEVA PHARMACEUTICALS USA, INC.  
[US/US]; 1090 Horsham Road, P.O. Box  
1090, North Wales, PA 19454-1090 (US).

(only for / seulement pour BB)

(72, 75) HAREL, Zvi [IL/IL]; Leon Blum 1,  
44253 Kfar Saba (IL). RUKHMAN, Igor  
[IL/IL]; 1/11 Junior Stuff Dorms, Tech-  
nion City, 3200 Haifa (IL). DOLITZKY,  
Ben-Zion [IL/IL]; Lohame HaGhetto 32,  
49651 Petah Tiqva (IL).

(74) BRAINARD, Charles, R. et al. / etc.;  
Kenyon & Kenyon, One Broadway, New  
York, NY 10004-1050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 261/20, A61K 31/423

(11) WO 2004/094393 (13) A1

(21) PCT/US2004/006095

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/459,833 1 Apr/avr 2003 US  
(01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PHOSPHOLIPASE INHIBITORS

• INHIBITEURS DE LA PHOSPHOLI-  
PASE

(71) ELI LILLY AND COMPANY [US/US];  
Lilly Corporate Center, Indianapolis, IN  
46285 (US).

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les États désignés sauf US)

(72, 75) EACHO, Patrick, Irving [US/US];  
7240 Elm Ridge Drive, Indianapolis, IN  
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tricia, Sue [US/US]; 8049 Campbell Avenue,  
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46032 (US). RICHTER, Michael, Enrico  
[US/US]; 5832 Baron Court, Indianapolis, IN  
46250 (US).

(74) GINAH, Francis, O. et al. / etc.; Patent Di-  
vision, Eli Lilly and Company, P.O. Box 6288,  
Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D 275/04, 409/12, A61K 31/428, A61P 3/00

(11) WO 2004/094394 (13) A1

(21) PCT/US2004/006094

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/459,832 1 Apr/avr 2003 US (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BENZISOTHIAZOL-3-ONE-CARBOXYLIC ACID AMIDES AS PHOSPHOLIPASE INHIBITORS

• AMIDES DE L'ACIDE BENZISOTHIAZOL-3-ONE-CARBOXYLIQUE INHIBITEURS DES PHOSPHOLIPASE

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EACHO, Patrick, Irving [US/US]; 7240 Elm Ridge Drive, Indianapolis, IN 46236 (US). FOXWORTHY-MASON, Patricia, Sue [US/US]; 8049 Campbell Avenue, Indianapolis, IN 46250 (US). LIN, Ho-Shen [US/US]; 8128 Trevellian Way, Indianapolis, IN 46217 (US). LOPEZ, Jose, Eduardo [DO/US]; 10224 Chestwick Lane, Fishers, IN 46038 (US). MOSTOR, Marian, Kazimierz [PL/US]; 406 Shoemaker Drive, Carmel, IN 46032 (US). RICHTT, Michael, Enrico [US/US]; 5832 Baron Court, Indianapolis, IN 46250 (US).

(74) GINAH, Francis, O. et al. / etc.; ELI LILLY AND COMPANY, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D 277/42, 277/56

(11) WO 2004/094395 (13) A2

(21) PCT/US2004/011271

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/463,775 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BIARYL SUBSTITUTED THIAZOLES, OXAZOLES AND IMIDAZOLES AS SODIUM CHANNEL BLOCKERS

• THIAZOLES, OXAZOLES ET IMIDAZOLES A SUBSTITUTION BIARYLE UTILISES COMME BLOQUEURS DU CANAL SODIQUE

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).

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(72, 75) CHAKRAVARTY, Prasan, K. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). FISHER,

Michael, H. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). PARSONS, William, H. [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). TYAGARAJAN, Sriram [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). ZHOU, Bishan [CN/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).

(74) MERCK & CO., INC.; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 279/00

(11) WO 2004/094396 (13) A2

(21) PCT/US2004/011984

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,807 18 Apr/avr 2003 US (18.04.2003)

(30) 10/824,848 15 Apr/avr 2004 US (15.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DIHYDROTHIAZINE PRODRUGS OF THIAZOLIUM AGENTS

• PROMEDICAMENTS DE DIHYDROTHIAZINE CONVERTIBLES EN AGENTS AU THIAZOLIUM

(63) US 60/463,807 (CIP) 18 Apr/avr 2003 (18.04.2003) US 10/824,848 (CIP) 15 Apr/avr 2004 (15.04.2004)

(71) ALTEON, INC. [US/US]; 6 Campus Drive, Parsippany, NJ 07054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REINHARD, Emily [US/US]; 51 John Street, Ridgewood, NJ 07450 (US). KATTEN, Elliot [US/US]; 137-65 75th Road, Flushing, NY 11367 (US).

(74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glosky and Popeo P.C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 303/16, 301/26

(11) WO 2004/094397 (13) A1

(21) PCT/JP2004/005224

(22) 12 Apr/avr 2004 (12.04.2004)

(25) ja (26) ja

(30) 2003-116191 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR PRODUCING GLYCIDYL SULFONATE DERIVATIVE  
• PROCEDE DE PRODUCTION DE DERIVE DE SULFONATE DE GLYCIDYLE

(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-Chome, Kita-ku, Osaka-shi, Osaka 5308288 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONDO, Takeshi [JP/JP]; 126-12, Sakai, Noguchi-cho, Kakogawa-shi, Hyogo, 6750015 (JP). MORI, Natsuki [JP/JP]; 44-50 Inaya, Kakogawa-cho, Kakogawa-shi, Hyogo, 6750034 (JP). TAOKA, Naoaki [JP/JP]; 1-1-A-1210 Dousyou-dai, Suma-ku, Kobe-shi, Hyogo, 6540122 (JP). UYAMA, Noboru [JP/JP]; 6-15-3 Ogura-dai, Kita-ku, Kobe-shi, Hyogo, 6511211 (JP).

(74) KANEKA CORPORATION; 2-4, Nakanoshima 3-Chome, Kita-ku, Osaka-shi, Osaka 5308288 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 307/52, C07C 205/60

(11) WO 2004/094398 (13) A2

(21) PCT/US2004/011882

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,773 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYNTHESIS OF 2-HYDROXY-N,N-DIMETHYL-3-[[2-[1(R)-(5-METHYL-2-FURANYL)PROPYL]AMINO]-3,4-DIOXO-1-CYCLOBUTEN-1-YL]AMINO]BENZAMIDE  
• SYNTHÈSE DE 2-HYDROXY-N,N-DIMETHYL-3-[[2-[1(R)-(5-

METHYL-2-FURANYL)PROPYL]AMINO]-3,4-DIOXO-1-CYCLOBUTEN-1-YL]AMINO]BENZAMIDE

(71) SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YIN, Jianguo [US/US]; 1812 Pheasant Hollow Drive, Plainsboro, NJ 08536 (US). FU, Xiaoyong [US/US]; 18 Augusta Avenue, Edison, NJ 08820 (US). ZHANG, Shuyi [US/US]; One Doric Avenue, Parsippany, NJ 07054 (US). MCALLISTER, Timothy, L. [US/US]; 45-A-2 Sandra Circle, Westfield, NJ 07090 (US). KIM-MEADE, Agnes, S. [US/US]; 212 Second Street, Fanwood, NJ 07023 (US). WINTERS, Jason, L. [US/US]; 1 Moorsgate Circle, East Windsor, NJ 08520 (US). SUDHAKAR, Anantha [US/US]; 18 Snowden Road, East Brunswick, NJ 08816 (US). SCHUMACHER, Doris, P. [US/US]; 11 Lockhaven Court, Bedminster, NJ 07921 (US).

(74) JEANETTE, Henry, C.; Schering-Plough Corporation, Patent Department K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C07D 307/87

(11) WO 2004/094399 (13) A1

(21) PCT/IN2003/000165

(22) 21 Apr/avr 2003 (21.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN IMPROVED PROCESS FOR THE PREPARATION OF CITALOPRAM HYDROBROMIDE  
• PROCEDE AMELIORE DE PREPARATION D'HYDROBROMURE DE CITALOPRAM

(71) NATCO PHARMA LTD [IN/IN]; Natco House, Road No.2, Banjara Hills, Hyderabad 500033, Andhra Pradesh (IN).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) VENKAIHAH CHOWDARY, Nannapaneni [IN/IN]; Natco Pharma Ltd, Natco House, Road No.2, Banjara Hills, Hyderabad 500033, Andhra Pradesh (IN). KHADGAPATHI, Podile [IN/IN]; Natco Pharma Ltd., Natco House, Road No.2, Banjara Hills, Hyderabad 500033, Andhra Pradesh (IN).

(72, 75) PULLA REDDY, Muddasani [IN/IN]; Natco Pharma Ltd., Natco House, Road No.2, Banjara Hills, Hyderabad 500033, Andhra Pradesh (IN). LINGARAO, Donthineni [IN/IN]; Natco Pharma Ltd., Natco House, Road No.2, Banjara Hills, Hyderabad 500033, Andhra Pradesh (IN).

(74) KHADGAPATHI, Podile; Natco Pharma Ltd., Natco House, Road No.2, Banjara Hills, Hyderabad 500033 (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 311/00

(11) WO 2004/094400 (13) A2

(21) PCT/US2004/009272

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/464,404 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUBSTITUTED BENZOPYRANS AS SELECTIVE ESTROGEN RECEPTOR-BETA AGONISTS  
• BENZOPYRANES SUBSTITUES EN TANT QU'AGONISTES SELECTIFS DU RECEPTEUR BETA DE L'OESTROGENE

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, Indiana 46285 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DURST, Gregory, Lee [US/US]; 8231 Kentallen Court, Indianapolis, Indiana 46236 (US). NORMAN, Bryan, Hurst [US/US]; 8648 Admirals Bay Drive, Indianapolis, Indiana 46236 (US). PFEIFER, Lance, Allen [US/US]; 110 East Washington Street, #702, Indianapolis, Indiana 46204 (US). RICHARDSON, Timothy, Ivo [US/US]; 8123 Shottory Terrace, Indianapolis, Indiana 46268 (US).

(74) SAYLES, Michael, J. et al. / etc.; ELI LILLY AND COMPANY, P. O. Box 6288, Indianapolis, Indiana 46206-6288 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D 311/94, A61K 31/352, A61P 35/00

(11) WO 2004/094401 (13) A1

(21) PCT/US2004/009271

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/464,405 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUBSTITUTED BENZOPYRANS AS SELECTIVE ESTROGEN RECEPTOR-BETA AGONISTS

• BENZOPYRANES SUBSTITUES UTILES EN TANT QU'AGONISTES SELECTIFS DU RECEPTEUR BETA DES OESTROGENES

(71) ELI LILLY AND COMPANY [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DURST, Gregory, Lee [US/US]; 8231 Kentallen Court, Indianapolis, IN 46236 (US). NORMAN, Bryan, Hurst [US/US]; 8648 Admirals Bay Drive, Indianapolis, IN 46236 (US). PFEIFER, Lance, Allen [US/US]; 110 East Washington Street, #702, Indianapolis, IN 46204 (US). RICHARDSON, Timothy, Ivo [US/US]; 8123 Shottery Terrace, Indianapolis, IN 46268 (US).

(74) SAYLES, Michael, J. et al. / etc.; Eli Lilly and Company, P. O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D 333/46, A61K 31/381, 35/78, A61P 3/04, 3/10, 43/00, A23L 1/30, C12N 9/99

(11) WO 2004/094402 (13) A1

(21) PCT/JP2004/005865

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-120317 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOVEL SUBSTANCE HAVING  $\alpha$ -GLUCOSIDASE INHIBITING ACTIVITY AND FOOD CONTAINING THE SAME

• NOUVELLE SUBSTANCE PRESENTANT UNE ACTIVITE D'INHIBITION DE L'ALPHA-GLUCOSIDASE ET ALLIEMENT CONTENANT CETTE DERNIERE

(71) MORISHITA JINTAN CO., LTD. [JP/JP]; 1-30, Tamatsukuri 1-chome, Chuo-ku, Osaka-shi, Osaka 5408566 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ASADA, Masanori [JP/JP]; c/o MORISHITA JINTAN CO., LTD., 1-30, Tamatsukuri 1-chome, Chuo-ku, Osaka-shi, Osaka 5408566 (JP). KAWAHARA, Yuzo [JP/JP]; c/o MORISHITA JINTAN CO., LTD., 1-30, Tamatsukuri 1-chome, Chuo-ku, Osaka-shi, Osaka 5408566 (JP). KITAMURA, Shinichi [JP/JP]; 320-17, Nishino, Sakai-shi, Osaka 5998125 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 339/04, C07C 229/76, 229/22, A23L 1/302, A61K 31/385

(11) WO 2004/094403 (13) A1

(21) PCT/EP2003/012179

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) MI2003A000831 22 Apr/avr 2003 IT (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BASIC SALT OF THIOCTIC ACID WITH L-CARNITINE

• SEL BASIQUE D'ACIDE THIOCTIQUE AVEC DE LA L-CARNITINE

(71) LABORATORIO CHIMICO INTERNAZIONALE S.P.A. [IT/IT]; Via Salvini, 10, I-20122 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SALVI, Annibale [IT/IT]; Via Ampere 93, I-20131 Milano (IT). VILLANI, Flavio [IT/IT]; Viale Campanini, 7, I-43100 Parma (IT). NARDI, Antonio [IT/IT]; Via Cardinal Riboldi, 43, I-20037 Paderno Dugnano (IT). DE ANGELIS, Bruno [IT/IT]; Via Libertà 6, I-24047 Treviglio (IT).

(74) GERVAISI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria 9, I-20122 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C07D 401/04, 401/14, 403/04, 405/14, 409/14, A61K 31/506, 31/4439, A61P 3/10, 7/02, 9/10, 19/00, 25/16, 25/28, 29/00, 37/06

(11) WO 2004/094404 (13) A1

(21) PCT/JP2004/005716

- (22) 21 Apr/avr 2004 (21.04.2004)  
 (25) en (26) en  
 (30) 2003-116076 21 Apr/avr 2003 JP  
 (21.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • 4-IMIDAZOLIN-2-ONE COMPOUNDS  
 • COMPOSES DE 4-IMIDAZO-  
 LINE-2-ONE  
 (71) TANABE SEIYAKU CO., LTD. [JP/JP];  
 2-10, Dosho-machi 3-chome, Chuo-ku, Os-  
 aka-shi, Osaka, 5418505 (JP). MIYOSHI,  
 Hidetaka  
*(for all designated States except / pour tous  
 les États désignés sauf US)*  
 (72, 75) KUBO, AkiraIMASHIRO, Rit-  
 suoOGASAWARA, AkihitoNAKAJIMA,  
 TatsuoNAKANE, Tetsu  
 (74) TSUKUNI, Hajime; SVAX TS Bldg.,  
 22-12, Toranomon 1-chome, Minato-ku,  
 Tokyo, 1050001 (JP).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DE  
 DK DM DZ EC EE EG ES FI GB GD GE GH  
 GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG  
 MK MN MW MX MZ NA NI NO NZ OM  
 PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG US UZ VC  
 VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
 TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).  
 Published / Publiée : (c)  
 (51)<sup>7</sup> C07D 401/12, A61K 31/4439  
 (11) WO 2004/094406 (13) A1  
 (21) PCT/EP2004/004340  
 (22) 23 Apr/avr 2004 (23.04.2004)  
 (25) de (26) de  
 (30) 103 18 609.3 24 Apr/avr 2003 DE  
 (24.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • 5-HYDROXYINDOLES WITH N-OX-  
 IDE GROUPS AND USE THEREOF  
 AS A PHOSPHODIESTERASE 4 IN-  
 HIBITOR  
 • 5-HYDROXY-INDOLES COMPOR-  
 TANT DES GROUPES N-OXYDE ET  
 LEUR UTILISATION COMME INHIBI-  
 TEURS DE LA PHOSPHODIESTERASE  
 4  
 (71) ELBION AG [DE/DE]; Meissner Strasse  
 191, 01445 Radebeul (DE).  
*(for all designated States except / pour tous  
 les États désignés sauf US)*  
 (72, 75) HÖFGEN, Norbert [DE/DE]; Hufen-  
 weg 1, 01458 Ottendorf-Okrilla (DE).  
 KUSS, Hildegard [DE/DE]; Kieler Str.  
 6, 01109 Dresden (DE). STEINIKÉ, Karin  
 [DE/DE]; Ledenweg 4c, 01445 Radebeul  
 (DE). EGERLAND, Ute [DE/DE]; Mag-  
 dalenenstr. 1, 01445 Radebeul (DE). RUND-  
 FELDT, Chris [DE/DE]; Melanchthonstr.  
 11, 01640 Coswig (DE). PFEIFER, Thomas  
 [DE/DE]; Wichernstr. 5, 01445 Radebeul  
 (DE).  
 (74) WEICKMANN & WEICKMANN; Post-  
 fach 860 820, 81635 München (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DE  
 DK DM DZ EC EE EG ES FI GB GD GE GH  
 GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG  
 MK MN MW MX MZ NA NI NO NZ OM  
 PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG US UZ VC  
 VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
 TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).  
 (51)<sup>7</sup> C07D 401/12, A61K 31/4439, A61P 11/00  
 (11) WO 2004/094405 (13) A1  
 (21) PCT/EP2004/004338  
 (22) 23 Apr/avr 2004 (23.04.2004)  
 (25) de (26) de  
 (30) 103 18 611.5 24 Apr/avr 2003 DE  
 (24.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • 4-, 6- O 7-HYDROXYINDOLES HAV-  
 ING N-OXIDE GROUPS AND THE  
 USE THEREOF AS THERAPEUTIC  
 AGENTS  
 • 4-, 6- OU 7-HYDROXYINDOLES A  
 GROUPES N-OXYDE ET LEUR UTILI-  
 SATION COMME PRODUITS THERA-  
 PEUTIQUES  
 (71) ELBION AG [DE/DE]; Meissner Strasse  
 191, 01445 Radebeul (DE).  
*(for all designated States except / pour tous  
 les États désignés sauf US)*  
 (72, 75) HÖFGEN, Norbert [DE/DE]; Hufen-  
 weg 1, 01458 Ottendorf-Okrilla (DE). KUSS,  
 Hildegard [DE/DE]; Kieler Strasse 6,  
 01109 Dresden (DE). STEINIKÉ, Karin  
 [DE/DE]; Ledenweg 4c, 01445 Radebeul  
 (DE). EGERLAND, Ute [DE/DE]; Magdale-  
 nenstrasse 1, 01445 Radebeul (DE). RUND-  
 FELDT, Chris [DE/DE]; Melanchthon-  
 strasse 11, 01640 Coswig (DE).  
 (74) WEICKMANN & WEICKMANN; Post-  
 fach 860 820, 81635 München (DE).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DE  
 DK DM DZ EC EE EG ES FI GB GD GE GH  
 GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG  
 MK MN MW MX MZ NA NI NO NZ OM  
 PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG US UZ VC  
 VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
 TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).  
 (51)<sup>7</sup> C07D 401/14, 401/06, 413/06, 413/14,  
 A61K 31/497, 31/5377, 31/4439, 31/501,  
 31/553, 31/499, 31/4545, A61P 7/02, 9/10  
 (11) WO 2004/094407 (13) A1  
 (21) PCT/JP2004/005605  
 (22) 20 Apr/avr 2004 (20.04.2004)  
 (25) ja (26) ja  
 (30) 2003-115204 21 Apr/avr 2003 JP  
 (21.04.2003)  
 (30) 2004-042859 19 Feb/fév 2004 JP  
 (19.02.2004)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • FIVE-MEMBERED HETEROCYCLIC  
 DERIVATIVE  
 • DERIVE HETEROCYCLIQUE A CINQ  
 CHAINONS  
 (71) DAIICHI PHARMACEUTICAL CO.  
 LTD. [JP/JP]; 14-10, NIHONBASHI  
 3-CHOME, CHUO-KU, Tokyo, 1038234  
 (JP).  
*(for all designated States except / pour tous  
 les États désignés sauf US)*  
 (72, 75) OKAYAMA, Toru [JP/JP]; C/O DAI-  
 ICHI FINE CHEMICAL CO., LTD., 530,  
 CHOKEIJI, TAKAOKA-SHI, Toyama,  
 9338511 (JP). UOTO, Kouichi [JP/JP];  
 C/O DAIICHI PHARMACEUTICAL CO.,  
 LTD. TOKYO R & D CENTER, 16-13,  
 KITAKASAI 1-CHOME, EDOGAWA-KU,  
 Tokyo, 1348630 (JP). ISHIYAMA, Takashi  
 [JP/JP]; C/O DAIICHI PHARMACEUTI-  
 CAL CO., LTD. TOKYO R & D CEN-  
 TER, 16-13, KITAKASAI 1-CHOME,  
 EDOGAWA-KU, Tokyo, 1348630 (JP).  
 KANAYA, Naoaki [JP/JP]; C/O DAI-  
 ICHI PHARMACEUTICAL CO., LTD.  
 TOKYO R & D CENTER, 16-13, KITAKA-  
 SAI 1-CHOME, EDOGAWA-KU, Tokyo,  
 1348630 (JP). KIMURA, Youichi [JP/JP];  
 C/O DAIICHI PHARMACEUTICAL CO.,  
 LTD. TOKYO R & D CENTER, 16-13,  
 KITAKASAI 1-CHOME, EDOGAWA-KU,  
 Tokyo, 1348630 (JP). ISHIHARA, Hi-  
 roaki [JP/JP]; C/O DAIICHI PHARMA-  
 CEUTICAL CO., LTD. TOKYO R & D  
 CENTER, 16-13, KITAKASAI 1-CHOME,  
 EDOGAWA-KU, Tokyo, 1348630 (JP).  
 WATANABE, Toshiyuki [JP/JP]; C/O DAI-  
 ICHI PHARMACEUTICAL CO., LTD.  
 TOKYO R & D CENTER, 16-13, KITAKA-  
 SAI 1-CHOME, EDOGAWA-KU, Tokyo,  
 1348630 (JP). FUJII, Kunihiko [JP/JP]; C/O  
 DAIICHI PHARMACEUTICAL CO., LTD.  
 TOKYO R & D CENTER, 16-13, KITAKA-  
 SAI 1-CHOME, EDOGAWA-KU, Tokyo,  
 1348630 (JP).  
 (74) THE PATENT CORPORATE BODY  
 ARUGA PATENT OFFICE; KYODO  
 BLDG., 3-6, NIHONBASHININGYOCHO  
 1-CHOME, CHUO-KU, Tokyo, 1030013  
 (JP).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR  
 BW BY BZ CA CH CN CO CR CU CZ DE  
 DK DM DZ EC EE EG ES FI GB GD GE GH  
 GM HR HU ID IL IN IS JP KE KG KP KR  
 KZ LC LK LR LS LT LU LV MA MD MG  
 MK MN MW MX MZ NA NI NO NZ OM  
 PG PH PL PT RO RU SC SD SE SG SK SL  
 SY TJ TM TN TR TT TZ UA UG US UZ VC  
 VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
 TZ UG ZM ZW); EA (AM AZ BY KG KZ  
 MD RU TJ TM); EP (AT BE BG CH CY CZ  
 DE DK EE ES FI FR GB GR HU IE IT LU  
 MC NL PL PT RO SE SI SK TR); OA (BF BJ  
 CF CG CI CM GA GN GQ GW ML MR NE  
 SN TD TG).



(51)<sup>7</sup> C07D 403/04, 401/14, G01N 33/50, A61K 31/513, A61P 25/00

(11) WO 2004/094408 (13) A1

(21) PCT/IB2004/001265

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/464,751 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUBSTITUTED PYRIMIDINONES AND PYRIMIDINTHIONES AS CRF ANTAGONISTS

• PYRIMIDINONES ET PYRIMIDINTHIONES SUBSTITUEES EN TANT QU'ANTAGONISTES DE LA CORTICOLIBERINE

(71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta, Kalamazoo, MI 49001 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CORBETT, Jeffrey, Wayne [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). ENNIS, Michael, Dalton [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). FU, Jian-Min [US/CA]; 804-4288 Grange Street, Burnaby, British Columbia V5H 1P2 (US). HOFFMAN, Robert, Louis [US/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). MICKELSON, John, Warren [US/US]; Pfizer Global Research and Development, 2800 Plymouth Road, Ann Arbor, MI 48105 (US). VERHOEST, Patrick, Robert [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).

(74) LUMB, J., Trevor et al. / etc.; c/o Jackie, Lawrence, Pfizer Inc., Mailstop 8260-1615, Eastern Point Road, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07D 403/06

(11) WO 2004/094409 (13) A1

(21) PCT/US2004/005154

(22) 20 Feb/fév 2004 (20.02.2004)

(25) en (26) en

(30) 60/458,162 27 Mar/mar 2003 US (27.03.2003)

(30) 60/527,449 5 Dec/déc 2003 US (05.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOVEL IDO INHIBITORS AND METHODS OF USE

• INHIBITEURS DE IDO ET PROCÉDES D'UTILISATION DE CEUX-CI

(71) LANKENAU INSTITUTE FOR MEDICAL RESEARCH [US/US]; 100 Lancaster Avenue, Wynnwood, PA 19096 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PRENDERGAST, George, C. [US/US]; 414 Bryn Mawr Avenue, Bala-Cynwyd, PA 19004 (US). MULLER, Alexander, J. [US/US]; 738 Pine Ridge Road, Media, PA 19063 (US). DUHADAWAY, James, B. [US/US]; 800 Bellefonte Avenue, Wilmington, DE 19809 (US). MALACHOWSKI, William [US/US]; 4004 Bittersweet Circle, Collegeville, PA 19426 (US).

(74) HAGAN, Patrick, J. et al. / etc.; Dann, Dorfman, Herrell and Skillman, 1601 Market Street, Suite 2400, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 403/12, A61K 31/517, A61P 35/00

(11) WO 2004/094410 (13) A1

(21) PCT/GB2004/001614

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 03290951.7 16 Apr/avr 2003 EP (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CHEMICAL COMPOUNDS

• DERIVES DE QUINAZOLINE POUR LE TRAITEMENT DU CANCER

(71) ASTRAZENECA AB [SE/SE]; Sodertälje, S-SE-151 85 (SE).

(for all designated States except / pour tous les États désignés sauf MG US)

(71) ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).

(only for / seulement pour MG)

(72, 75) HERON, Nicola, Murdoch [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). PASQUET, Georges, Rene [FR/FR]; AstraZeneca R & D Reims, Z.I. la pompelle, BP 1050, Cedex 2, F-51689 Reims (FR). MORTLOCK, Andrew, Austen [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). JUNG, Frederic, Henri [FR/FR];

AstraZeneca R & D Reims, Z.I. la pompelle, BP 1050, Cedex 2, F-51689 Reims (FR).

(74) ASTRAZENECA; Global Intellectual Property, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C07D 407/12, 407/04, 403/04, 231/12, A61K 31/4155, A61P 25/00

(11) WO 2004/094411 (13) A1

(21) PCT/US2004/011899

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,725 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PYRAZOLE DERIVATIVES AS PHOSPHODIESTERASE 4 INHIBITORS

• DERIVES DU PYRAZOLE INHIBITEURS DE LA PHOSPHODIESTERASE 4

(71) MEMORY PHARMACEUTICALS CORPORATION [US/US]; 100 Philips Parkway, Montvale, NJ 07645 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOPPER, Allen [US/US]; 29 Dean Street, Glen Rock, NJ 07452 (US). KUESTER, Erik [US/US]; 3 Haines Court, Franklin, NJ 07416 (US). DUNN, Robert [US/US]; 3 Osborne Place, Towaco, NJ 07082-1109 (US). CONTICELLO, Richard [US/US]; 17 Liberty Street, Ossining, NY 10562 (US).

(74) HEANEY, Brion, P. et al. / etc.; Millen, White, Zelano and Branigan, Suite 1400, 2200 Clarendon Blvd., Arlington, VA 22201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> C07D 409/12, 409/14  
 (11) WO 2004/094412 (13) A1  
 (21) PCT/EP2004/050592  
 (22) 23 Apr/avr 2004 (23.04.2004)  
 (25) en (26) en  
 (30) FI2003A000113 24 Apr/avr 2003 IT (24.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • NK-2 ANTAGONIST BASIC LINEAR COMPOUNDS AND FORMULATIONS CONTAINING THEM  
 • COMPOSES LINEAIRES DE BASE D'ANTAGONISTES DE NK-2 ET FORMULATIONS LES CONTENANT
- (71) MENARINI RICERCHES S.P.A. [IT/IT]; Via Tito Speri 10, I-00040 Pomezia (IT). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FATTORI, Daniela [IT/IT]; Via Appia Antica 3, I-0049 Velletri (IT). PORCELLONI, Marina [IT/IT]; Via Mario Sbrilli 5, I-53021 Abbadia San Salvatore (IT). D'ANDREA, Piero [IT/IT]; Via Orlando Ferrazza 29, I-00045 Genzano (IT). ROSSI, Cristina [IT/IT]; Via E. Berlinguer 14/C-23, I-00040 Pomezia (IT). ALTAMURA, Maria [IT/IT]; Via San Gervasio 32, I-50131 Firenze (IT). MAGGI, Carlo Alberto [IT/IT]; Via Michelazzi 43, I-50141 Firenze (IT).
- (74) GERVASI, Gemma; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria 9, I-20122 Milan (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)  
 Declaration / Déclaration : (u) for / pour US only / seulement
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- (51)<sup>7</sup> C07D 409/12, 335/06, 413/12, 311/68, 215/42, C07C 233/00, C07D 213/40, 209/20, A61K 31/382, 31/4025, 31/4436, 31/5377, 31/35, A61P 25/28, 25/00  
 (11) WO 2004/094413 (13) A1  
 (21) PCT/US2004/012384  
 (22) 21 Apr/avr 2004 (21.04.2004)  
 (25) en (26) en  
 (30) 60/464,676 21 Apr/avr 2003 US (21.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • PHENACYL 2-HYDROXY-3-DIAMINOALKANES  
 • PHENACYL 2-HYDROXY-3-DIAMINOALCANES
- (71) ELAN PHARMACEUTICALS, INC. [US/US]; 800 Gateway Boulevard, South San Francisco, CA 94080 (US). PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49007 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) AQUINO, Jose [US/US]; 268 Canterbury Avenue, Daly City, CA 94105 (US). JOHN, Varghese [US/US]; 1722 - 18th Avenue, San Francisco, CA 94122 (US). TUCKER, John, A. [US/US]; 37 Creekridge Court, San Mateo, CA 94402 (US). HOM, Roy [US/US]; #82 Ina Drive, San Francisco, CA 94112 (US). PULLEY, Shon [US/US]; 2243 East 151 st Street, Carmel, IN 46033 (US). TENBRINK, Ruth [US/US]; 125 Skyview Lane, Labadie, MO 63055 (US).
- (74) SHALTOU, Raafat, M.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C07D 471/04, A61K 31/505, A61P 25/00  
 (11) WO 2004/094414 (13) A1  
 (21) PCT/EP2004/004128  
 (22) 15 Apr/avr 2004 (15.04.2004)  
 (25) en (26) en  
 (30) 60/464,364 22 Apr/avr 2003 US (22.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • WATER SOLUBLE SALTS OF RISPERIDONE  
 • SELS HYDROSOLUBLES DE RISPERIDONE
- (71) SYNTHON B.V. [NL/NL]; Microweg 22, NL-6545 CM Nijmegen (NL). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GIELING, Reinerus, Gerardus [NL/NL]; Neptunusstraat 48, NL-6543 WZ Nijmegen (NL). LAURANT, Désirée [NL/NL]; Groesbeekseweg 11, NL-6524 CK Nijmegen (NL).
- (74) Prins, Hendrik, Willem et al. / etc.; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 471/04, A61K 31/437, A61P 35/00  
 (11) WO 2004/094416 (13) A1  
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 (22) 23 Apr/avr 2004 (23.04.2004)  
 (25) de (26) de  
 (30) 103 18 610.7 24 Apr/avr 2003 DE (24.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • 7-AZAINDOLES AND USE THEREOF AS THERAPEUTIC AGENTS  
 • 7-AZAINDOLES ET LEUR UTILISATION COMME PRODUITS THERAPEUTIQUES
- (71) ELBION AG [DE/DE]; Meissner Strasse 191, 01445 Radebeul (DE).

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(72, 75) **HÖFGEN, Norbert** [DE/DE]; Hufenweg 1, 01458 Ottendorf-Okrilla (DE). **KUSS, Hildegard** [DE/DE]; Kieler Strasse 6, 01109 Dresden (DE). **OLBRICH, Matthias** [DE/DE]; Käthe-Kollwitz-Strasse 29, 01468 Moritzburg (DE). **EGERLAND, Ute** [DE/DE]; Magdalenenstr. 1, 01445 Radebeul (DE). **RUNDFELDT, Chris** [DE/DE]; Melanchthonstrasse 11, 01640 Coswig (DE). **STEINKE, Karin** [DE/DE]; Ledenweg 4c, 01445 Radebeul (DE). **SCHINDLER, Rudolf** [DE/DE]; Pirnaer Landstrasse 146, 01257 Dresden (DE).

(74) **WEICKMANN, Franz, Albert et al.** / etc.; Weickmann & Weickmann, Postfach 860 820, 81635 München (EP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/IB2004/001262

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 60/464,916 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CANNABINOID RECEPTOR LIGANDS AND USES THEREOF

• LIGANDS DE RECEPTEURS CANNABINOÏDES ET LEURS APPLICATIONS

(71) **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARPINO, Philip, Albert** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). **GRIFFITH, David, Andrew** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) **LUMB, J., Trevor et al.** / etc.; c/o Lawrence, Jackie, Pfizer Inc., MS 8260-1615, Eastern Point Road, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/464,263 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMADAZOPYRIDINE COMPOUNDS HAVING 5-HT<sub>4</sub> RECEPTOR AGONISTIC ACTIVITY AND 5-HT<sub>3</sub> RECEPTOR ANTAGONISTIC ACTIVITY

• COMPOSES IMIDAZOPYRIDINES AYANT UNE ACTIVITE AGONISTE ANTI-RECEPTEUR 5-HT<sub>4</sub> ET UNE ACTIVITE ANTAGONISTE ANTI-RECEPTEUR 5-HT<sub>3</sub>

(71) **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US).

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(71) **PFIZER JAPAN, INC.** [JP/JP]; Shinjuku Bunka Quint Bldg., 3-22-7, Yoyogi, Shibuya-ku, Tokyo 151-8589 (JP).

(only for / seulement pour JP)

(72, 75) **NOGUCHI, Hirohide** [JP/JP]; Pfizer Global Research and Development, 2, Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP). **UCHIDA, Chikara** [JP/JP]; Pfizer Global Research and Development, 2, Aza 5-gochi, Taketoyo-cho, Chita-gun, Aichi-ken 470-2393 (JP).

(74) **LUMB, J., Trevor et al.** / etc.; Pfizer Inc, c/o Jackie Lawrence, Easter Point Road, Mailstop 8260-1615, Groton, CT 06340 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07D 471/04, 403/14, A61K 31/4375, 31/519

(11) WO 2004/094419 (13) A1

(21) PCT/IB2004/001283

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308208.8 9 Apr/avr 2003 GB (09.04.2003)

(30) 60/485,322 7 Jul/juil 2003 US (07.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONDENSED N-HETEROCYCLIC COMPOUNDS AND THEIR USE AS CRF RECEPTOR ANTAGONISTS

• COMPOSES N-HETEROCYCLIQUES CONDENSES ET LEUR UTILISATION COMME ANTAGONISTES DU RECEPTEUR CRF

(71) **SB PHARMCO PUERTO RICO INC** [US/US]; CSC, The United States Corporation Company, 105 Ponce de Leon Avenue, One Comproller Plaza, Hato Rey, 00917 (US). **NEUROCRINE BIOSCIENCES INC** [US/US]; 10555 Science Center Drive, San Diego, California 00917 (US).

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(72, 75) **ST-DENIS, Yves** [CA/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT).

(74) **GIDDINGS, Peter John**; GlaxoSmithKline, Corporate Intellectual Property, 980 Great West Road, Brentford Middlesex TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 0308208.8 9 Apr/avr 2003 GB (09.04.2003)

(30) 60/485,322 7 Jul/juil 2003 US (07.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONDENSED N-HETEROCYCLIC COMPOUNDS AND THEIR USE AS CRF RECEPTOR ANTAGONISTS

• DERIVES BICYCLIQUES, LEUR PREPARATION, COMPOSITIONS PHARMACEUTIQUES LES CONTENANT ET LEUR USAGE THERAPEUTIQUE

(71) **SB PHARMCO PUERTO RICO INC** [US/US]; CSC The United States Corporation Company, 105 Ponce de Leon Avenue, One Comproller Plaza, Hato Rey, Puerto Rico, 00917 (US). **NEUROCRINE BIOSCIENCES INC** [US/US]; 10555 Science Center Drive, San Diego, California 92121 (US).

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- (72, 75) ANDREOTTI, Daniele [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). BERNASCONI, Giovanni [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). CASTIGLIONI, Emiliano [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). CONTINI, Stefania [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). DI FABIO, Romano [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). FAZZOLARI, Elettra [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). FERIANI, Aldo [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). GENTILE, Gabriella [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). MATTIOLI, Mario [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). MINGARDI, Anna [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). SABBATINI, Fabio [IT/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT). ST-DENIS, Yves [CA/IT]; GlaxoSmithKline SpA, Via Alessandro Fleming 2, I-37100 Verona (IT).
- (74) GIDDINGS, Peter John; GlaxoSmithKline, Corporate Intellectual Property, 980 Great West Road, Brentford Middlesex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 471/04, 487/04, A61P 3/04  
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(21) PCT/IB2004/001357  
(22) 13 Apr/avr 2004 (13.04.2004)  
(25) en (26) en  
(30) 60/464,908 23 Apr/avr 2003 US (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • CANNABINOID RECEPTOR LIGANDS AND USES THEREOF  
• LIGANDS DE RECEPTEURS CANNABINOÏDES ET LEURS APPLICATIONS  
(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CARPINO, Philip, Albert [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). DOW, Robert, Lee [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) LUMB, J., Trevor et al. / etc.; c/o Jackie Lawrence, Pfizer Inc., Mailstop 8260-1615, Eastern Point Road, Groton, CT 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C07D 471/04, A61K 31/437, A61P 9/00  
(11) WO 2004/094422 (13) A1  
(21) PCT/US2004/006424  
(22) 3 Mar/mar 2004 (03.03.2004)  
(25) en (26) en  
(30) 60/458,127 27 Mar/mar 2003 US (27.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SUBSTITUTED PYRROLINE KINASE INHIBITORS  
• PYRROLINES SUBSTITUES INHIBITEURS DE KINASE  
(71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B-B2340 Beerse (BE).  
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- (72, 75) ZHANG, Han-Cheng [US/US]; 109 Bryan Way, Lansdale, Pennsylvania 19446 (US). MARYANOFF, Bruce E., [US/US]; 4029 Devonshire Drive, Forest Grove, Pennsylvania 18922 (US). YE, Hong [US/US]; 124 Canterbury Lane, Lansdale, Pennsylvania 19446 (US).
- (74) JOHNSON, Philip S., et al. / etc.; One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 471/06, 231/56  
(11) WO 2004/094423 (13) A1  
(21) PCT/JP2004/005891
- (22) 23 Apr/avr 2004 (23.04.2004)  
(25) ja (26) ja  
(30) 2003-119943 24 Apr/avr 2003 JP (24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PROCESSES FOR PRODUCING PYRAZOLOACRIDONE DERIVATIVE AND INTERMEDIATE THEREFOR  
• PROCÉDES DE PRODUCTION D'UN DERIVE DE PYRAZOLOACRIDONE ET PRODUIT INTERMÉDIAIRE ASSOCIÉ  
(71) KYOWA HAKKO KOGYO CO., LTD. [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 1008185 (JP).  
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- (72, 75) TSUBAKIHARA, Nobuaki KAT-SUHIRA, Takeshi KINUGAWA, Masahiko KATO, Nobuyuki  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 471/10, A61K 31/499, A61P 11/06, 13/12, 1/16, 19/02, 11/02, 27/02, 1/04, 37/02, 17/06, 31/18, 37/08, 9/10, 11/00, 35/04, 3/10  
(11) WO 2004/094424 (13) A1  
(21) PCT/JP2004/005610  
(22) 20 Apr/avr 2004 (20.04.2004)  
(25) ja (26) ja  
(30) 2003/116235 21 Apr/avr 2003 JP (21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • NITROGEN-CONTAINING HETEROCYCLIC COMPOUNDS AND USE THEREOF  
• COMPOSES HÉTÉROCYCLIQUES CONTENANT DE L'AZOTE ET UTILISATION DE CELUI-CI  
(71) ONO PHARMACEUTICAL CO., LTD. [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NISHIZAWA, Rena [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). TAKAOKA, Yoshikazu [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). SHIBAYAMA, Shiro [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 17-2, Wadai, Tsukuba-shi, Ibaraki 300-4247 (JP).
- (74) OHIE, Kunihisa; Ohie Patent Office, Selva-Ningyocho 6F, 14-6, Nihonbashi-Ningyocho, 2-chome, Chuo-ku, Tokyo 103-0013 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07D 471/14, 487/04, A61K 31/519, A61P 9/00
- (11) WO 2004/094425 (13) A1
- (21) PCT/EP2004/003851
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 03009286.0 24 Apr/avr 2003 EP (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • Triaza- and tetraaza-anthracenedione derivatives, their preparation and their use as pharmaceuticals
- DERIVES DE TRIAZA- ET TETRAAZA-ANTHRACENEDIONE, LEUR PREPARATION ET LEUR UTILISATION COMME PRODUITS PHARMACEUTIQUES
- (71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WEICHERT, Andreas [DE/DE]; Norderstrasse 33, 22846 Norderstedt (DE). STROBEL, Hartmut [DE/DE]; Erlenweg 22, 65835 Liederbach (DE). WOHLFART, Paulus [DE/DE]; Bertolt-Brecht-Ring 16c, 64625 Bensheim (DE). PATEK, Marcel [US/US]; 6965 North Leonardo da Vinci Way, Tucson, AZ 85704 (US). SMRCINA, Martin [CZ/US]; 11854 North Crescendo Drive, Tucson, AZ 85737 (US). WEICHEL, Aleksandra [US/US]; 414 East Suffolk Drive, Tucson, AZ 85704 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C07D 475/08, A61K 31/505
- (11) WO 2004/094427 (13) A1
- (21) PCT/US2004/005356
- (22) 23 Feb/fév 2004 (23.02.2004)
- (25) en (26) en
- (30) 10/412,279 14 Apr/avr 2003 US (14.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PHARMACEUTICALLY ACTIVE ORNITHINE DERIVATIVES, AMMONIUM SALTS THEREOF AND METHODS OF MAKING SAME
- DERIVES D'ORNITHINE PHARMACEUTIQUEMENT ACTIFS, SELS D'AMMONIUMS DE CES DERIVES ET PROCEDES DE FABRICATION
- (71) DANA-FARBER CANCER INSTITUTE [US/US]; 44 Binney Street, Boston, MA 02115 (US). ASH STEVENS, INC. [US/US]; 5861 John C. Lodge Freeway, Detroit, MI 48202 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ROSOWSKY, Andre [US/US]; 76 Lindbergh Ave., Needham, MA 02494 (US). BADER, Henry [US/US]; 106 Del Pond Drive, Canton, MA 02021 (US). BLUMBERGS, Peter [US/US]; 4105 Springer Avenue, Royal Oak, MI 48073 (US). LIN, Ming-Teh [US/US]; 28817 Petersberg Street, Farmington Hills, MI 48331 (US).
- (74) POISSANT, Brian, M. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07D 487/04, A61K 31/519, A61P 9/12
- (11) WO 2004/094428 (13) A1
- (21) PCT/EP2004/050573
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 03101093.7 22 Apr/avr 2003 EP (22.04.2003)
- (30) 60/464,422 22 Apr/avr 2003 US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • 4-(4-TRANS-HYDROXYCYCLO-HEXYL)AMINO-2-PHENYL-7H-PYRROLO[2, 3D] PYRIMIDINE HYDROGEN MESYLATE AND ITS POLYMORPHIC FORMS
- 4-(4-TRANS-HYDROXYCYCLO-HEXYL)AMINO-2-PHENYL-7H-PYRROLO[2, 3D] PYRIMIDINE HYDROGENO-MESYLATE ET FORMES POLYMORPHES DE CE DERNIER
- (71) SOLVAY PHARMACEUTICALS GMBH [DE/DE]; Hans-Böckler-Allee 20, D-30173 Hannover (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HEINRICH, Timo [DE/DE]; Franz-Gruber-Strasse 30, 64823 Gross-Umstadt (DE). PAHL, Axel [DE/DE]; Poststrasse 9, 29690 Lindwedel (DE). LUITJENS, Bernd-Martin [DE/DE]; Am Bokemahle 5, 30171 Hannover (DE). FINNER, Emil [DE/DE]; Isenkamp 40, 30916 Isernhagen (DE). VERVEER, Pieter C. [NL/NL]; Krommerijn 6, NL-3582 CR Utrecht (NL). ZORGDRAGER, Jan [NL/NL]; Botenmakersstraat 118, NL-1506 TH Zaandam (NL).
- (74) VERHAGE, Marinus; C.J. van Houtenlaan 36, NL-1381 CP Weesp (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C07D 473/32, A61K 31/52
- (11) WO 2004/094426 (13) A1
- (21) PCT/CZ2004/000018

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 487/04, 471/04, A61K 31/437, 31/4162, 31/4188, A61P 3/04
- (11) WO 2004/094429 (13) A1
- (21) PCT/IB2004/001482
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 60/464,831 23 Apr/avr 2003 US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CANNABINOID RECEPTOR LIGANDS AND USES THEREOF  
• LIGANDS DES RECEPTEURS CANNABINOÏDES ET LEURS UTILISATIONS
- (71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CARPINO, Philip, Albert [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).  
DOW, Robert, Lee [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
- (74) FULLER, Grover, F., Jr. et al. / etc.; c/o SIMPSON, Alison, Urquhart-Dykes & Lord, 30 Welbeck Street, London W1G 8ER (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C07D 487/14, 513/06, A61K 31/55, 31/554
- (11) WO 2004/094430 (13) A1
- (21) PCT/EP2004/004244
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 0309221.0 23 Apr/avr 2003 GB (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TRICYCLIC INDOLE DERIVATIVES AND THEIR USE IN THE TREATMENT OF ALZHEIMER'S DISEASE  
• DERIVES D'INDOLE TRICYCLIQUES ET LEUR UTILISATION DANS LE CADRE DU TRAITEMENT DE LA MALADIE D'ALZHEIMER

- (71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford Middlesex UB6 0NN (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEMONT, Emmanuel, Hubert [FR/GB]; GlaxoSmithKline, The Frythe, Welwyn Hertfordshire AL6 9AR (GB).  
REDSHAW, Sally [GB/GB]; GlaxoSmithKline, The Frythe, Welwyn Hertfordshire AL6 9AR (GB).  
WALTER, Daryl, Simon [GB/GB]; GlaxoSmithKline, The Frythe, Welwyn Hertfordshire AL6 9AR (GB).
- (74) GIBSON, Mark; GlaxoSmithKline (CIP-CN925.1), 980 Great West Road, Brentford Middlesex TW8 9GS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C07D 487/14, A61K 31/519, A61P 25/16
- (11) WO 2004/094431 (13) A2
- (21) PCT/US2004/012471
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 60/464,840 23 Apr/avr 2003 US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • 2-ALKYNYL-AND 2-ALKENYL-PYRAZOLO-[4,3-E]-1,2,4-TRIAZOLO-[1,5-C]-PYRIMIDINE ADENOSINE A<sub>2A</sub> RECEPTOR ANTAGONISTS  
• ANTAGONISTES DU RECEPTEUR ADENOSINE A<SB>2A</SB> 2-ALKYNYL ET 2-ALCENYL-PYRAZOLO-[4,3-E]-1,2,4-TRIAZOLO-[1,5-C]-PYRIMIDINE
- (71) SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NEUSTADT, Bernard, R. [US/US]; 24 Brook Place, West Orange, NJ 07052 (US).  
HAO, Jinsong [CN/US]; 82 Meadow Lark Lane, Belle Mead, NJ 08502 (US).  
LIU, Hong [CN/US]; 15 First Street, Apartment 6-D, Hackensack, NJ 07601 (US).  
BOYLE, Craig, D. [US/US]; 13 Mill Lane, Branchburg, NJ 08876 (US).  
CHACKALAMANNIL, Samuel [US/US]; 17 Windy Heights Road, Califon, NJ 07830 (US).  
SHAH, Unmesh, G. [IN/US]; 252 Country Club Lane, Scotch Plains, NJ 07076 (US).  
STAMFORD, Andrew [AU/US]; 27 Overlook Road, Chatham Township, NJ 07928 (US).
- (74) MAGATTI, Anita, W.; Schering-Plough Corporation, Patent Department - K-6-1

- 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- (51)<sup>7</sup> C07D 487/22, A61K 31/409, 31/555, A61P 29/00, 35/00, G01N 30/88
- (11) WO 2004/094432 (13) A1
- (21) PCT/JP2004/005645
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) ja (26) ja
- (30) 2003-116232 21 Apr/avr 2003 JP (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PORPHYRIN COMPOUND CONTAINING BIOTINYL GROUP AND USE THEREOF  
• COMPOSE DE PORPHYRINE RENFERMANT UN GROUPE BIOTINYLE ET UTILISATION
- (71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ISOGAI, Yasuhiro [JP/JP]; 8-32-16-205, Ohizumigakuen-cho, Nerima-ku, Tokyo, 1780061 (JP).  
ISHIDA, Manabu [JP/JP]; 1-3-29-101, Saiwai-cho, Asaka-shi, Saitama, 3510015 (JP).
- (74) KOBAYASHI, Hiroshi et al. / etc.; c/o Abe, Ikubo & Katayama Fukuoka Bldg. 9th Fl., 8-7, Yaesu 2-chome, Chuo-ku, Tokyo, 1040028 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> C07D 495/04, A61K 31/551, A61P 25/18  
(11) WO 2004/094433 (13) A1  
(21) PCT/HU2004/000042  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) P 03 01082 22 Apr/avr 2003 HU  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • NEW POLYMORPHS OF OLANZAP-  
INE HYDROCHLORIDE  
• NOUVEAUX POLYMORPHISMES DU  
CHLORHYDRATE D'OLANZAPINE  
(71) EGIS GYÓGYSZERGYÁR RT. [HU/HU];  
Keresztúri út 30-38, H-1106 Budapest (HU).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) PETHO, János [HU/HU]; Páskom  
Liget u. 51, H-1156 Budapest (HU).  
BARKÓCZY, József [HU/HU]; Szirom  
u. 4-6/B, H-1016 Budapest (HU). KÓTAY  
NAGY, Péter [HU/HU]; Nagymezo u. 73,  
H-2600 Vác (HU). SIMIG, Gyula [HU/HU];  
Hollósy S. u. 25, H-1126 Budapest (HU).  
SZENT-KIRÁLYI, Zsuzsa [HU/HU];  
Tuzlilom u. 51, H-1223 Budapest (HU).
- (74) ADVOPATENT OFFICE OF PATENT  
AND TRADEMARK ATTORNEYS; P.O.  
Box 11, H-1251 Budapest (HU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> C07F 7/00  
(11) WO 2004/094434 (13) A2  
(21) PCT/US2004/012563  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 10/420,149 22 Apr/avr 2003 US  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • TITANIUM CHELATE DISPERSIONS  
• DISPERSIONS DE CHELATE DE TI-  
TANE  
(71) E.I. DUPONT DE NEMOURS AND  
COMPANY [US/US]; 1007 Market Street,  
Wilmington, DE 19898 (US).
- (for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) ST. CLAIR, Jerry, Dale [US/US];  
215 Copples Lane, Wallingford, Pennsyl-  
vania 19086 (US). DELPESCO, Thomas,  
W. [US/US]; 344 Skyline Orchard Drive,  
Hockessin, DE 19707 (US).
- (74) SHAY, Lucas, K.; E.I. DU Pont De Nemours  
and Company, Legal Patent Records Center,  
4417 Lancaster Pike, Wilmington, DE 19805  
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> C07F 7/02  
(11) WO 2004/094435 (13) A2  
(21) PCT/US2004/011607  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,191 16 Apr/avr 2003 US  
(16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SILOXANE MONOMERS AND  
OLIGOMERS  
• MONOMERES ET OLIGOMERES DE  
SILOXANE  
(71) RENSSLAER POLYTECHNIC INSTI-  
TUTE [—/US]; 110 8th Street, Troy, NY  
12180 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) CRIVELLO, James, V. [US/US]; 756  
Carlton Road, Clifton Park, NY 12065 (US).
- (74) GIOENI, Mary, Louise et al. / etc.; Heslin  
Rothenberg Farley & Mesiti P.C., 5 Columbia  
Circle, Albany, NY 12203 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> C07F 7/08, C08K 3/00, 5/5419, 5/548,  
9/06, C07F 7/18  
(11) WO 2004/094437 (13) A1  
(21) PCT/US2004/008734  
(22) 23 Mar/mar 2004 (23.03.2004)  
(25) en (26) en  
(30) 10/405,721 2 Apr/avr 2003 US  
(02.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • COUPLING AGENTS FOR MIN-  
ERAL-FILLED ELASTOMER COM-  
POSITIONS  
• AGENTS DE COUPLAGE POUR COM-  
POSITIONS ELATOMERES A CHARGE  
MINERALE
- (22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en  
(30) 0309321.8 24 Apr/avr 2003 GB  
(24.04.2003)  
(30) 0317280.6 23 Jul/juil 2003 GB  
(23.07.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • 1-(2-AMINO-1-PHENYL-ETHYL) 1-  
SILACYCLOHEXAN-1- OL DERIVA-  
TIVES AND USE THEREOF IN THE  
PREPARATION OF A MEDICAMENT  
• DERIVES DE 1-(2-AMINO-1-PHENYL-  
ETHYL)-SILACYCLOHEXAN-1-OL  
ET UTILISATION DESDITS DERIVES  
POUR PREPARER UN MEDICAMENT  
(71) AMEDIS PHARMACEUTICALS LTD.  
[GB/GB]; 162 Cambridge Science Park,  
Milton Road, Cambridge CB4 0GP (GB).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) SHOWELL, Graham, Andrew  
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162 Cambridge Science Park, Milton Road,  
Cambridge CB4 0GP (GB). MILLER, David  
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Cambridge Science Park, Milton Road, Cam-  
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97249 Eisingen (DE). DAISS, Juergen  
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(DE).
- (74) GILL JENNINGS & EVERY; Broadgate  
House, 7 Eldon Street, London EC2M 7LH  
(GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C07F 7/08, C08K 3/00, 5/5419, 5/548,  
9/06, C07F 7/18  
(11) WO 2004/094437 (13) A1  
(21) PCT/US2004/008734  
(22) 23 Mar/mar 2004 (23.03.2004)  
(25) en (26) en  
(30) 10/405,721 2 Apr/avr 2003 US  
(02.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • COUPLING AGENTS FOR MIN-  
ERAL-FILLED ELASTOMER COM-  
POSITIONS  
• AGENTS DE COUPLAGE POUR COM-  
POSITIONS ELATOMERES A CHARGE  
MINERALE
- (51)<sup>7</sup> C07F 7/08  
(11) WO 2004/094436 (13) A1  
(21) PCT/GB2004/001781

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

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(72, 75) **CRUSE, Richard, W.** [US/US]; 171 Montross Road, Yorktown Height, NY 10598 (US). **PICKWELL, Robert, J.** [US/US]; 334 Cornwall Avenue, Tonawanda, NY 14150 (US).

(74) **WINTER, Catherine, J. et al.** / etc.; Patent Counsel, General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07F 9/40, 9/54, C07C 305/06

(11) **WO 2004/094438** (13) A1

(21) PCT/US2004/006961

(22) **8 Mar/mar 2004 (08.03.2004)**

(25) en (26) en

(30) 2,424,215 **31 Mar/mar 2003 CA (31.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PHOSPHONIUM SALTS AND METHODS OF THEIR PREPARATION

• SELS DE PHOSPHONIUM ET PROCÉDES DE PRÉPARATION

(71) **CYTEC CANADA INC.** [CA/CA]; 9061 Garner Road, Niagara Falls, Ontario L2E 6T4 (CA).

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(72, 75) **BRADARIC-BAUS, Christine, J.** [CA/US]; 511 West Main Street, Unit 27, Stamford, CT 06902 (US). **ZHOU, Yuehui** [CA/CA]; 305A Roncesvalles Avenue, Toronto, Ontario M6R 2M6 (CA).

(74) **DIDAMO, Valerie, T. et al.** / etc.; Cytec Industries Inc., 1937 West Main Street, P.O. Box 60, Stamford, CT 06904-0060 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07F 9/50

(11) **WO 2004/094439** (13) A2

(21) PCT/EP2004/004045

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) de (26) de

(30) 103 18 698.0 **24 Apr/avr 2003 DE (24.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR THE PRODUCTION OF ACYLPHOSPHINES

• PROCÉDE DE PRODUCTION D'ACYLPHOSPHINES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAASE, Matthias** [DE/DE]; Am Klipfelstor 4, 67346 Speyer (DE). **GRIESBACH, Ulrich** [DE/DE]; Seckenheimer Str. 26, 68165 Mannheim (DE). **RICHTER, Ingo** [DE/DE]; Beethovenstr. 20, 68165 Mannheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07F 9/50

(11) **WO 2004/094440** (13) A2

(21) PCT/US2004/007031

(22) **8 Mar/mar 2004 (08.03.2004)**

(25) en (26) en

(30) 2,424,225 **31 Mar/mar 2003 CA (31.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TERTIARY PHOSPHINES AND THEIR METHODS OF PREPARATION

• PHOSPHINES TERTIAIRES ET LEURS PROCÉDES DE PRÉPARATION

(71) **CYTEC CANADA INC.** [CA/CA]; 9061 Garner Road, Niagara Falls, Ontario L2E 6T4 (CA).

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(72, 75) **BRADARIC-BAUS, Christine, J.** [CA/US]; 511 West Main Street, Unit 27, Stamford, CT 06902 (US). **ZHOU, Yuehui** [CA/CA]; 305A Roncesvalles Avenue, Toronto, Ontario, M6R 2M6 (CA).

(74) **DIDAMO, Valerie, T. et al.** / etc.; Cytec Industries Inc., P.O. Box 60, 1937 West Main Street, Stamford, CT 06904-0060 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07F 9/6509, 9/6558, 9/6561, A61K 31/675, C07F 9/572, 9/38

(11) **WO 2004/094441** (13) A2

(21) PCT/US2004/011490

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 10/414,782 **16 Apr/avr 2003 US (16.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOVEL PHOSPHONIC ACID COMPOUNDS AS INHIBITORS OF SERINE PROTEASES

• NOUVEAUX COMPOSES D'ACIDE PHOSPHONIQUE UTILISES COMME INHIBITEURS DES SERINE PROTEASES

(71) **ORTHO-MCNEIL PHARMACEUTICAL, INC.** [US/US]; U.S. Route 202, Raritan, NJ 08869 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GRECO, Michael, N.** [US/US]; 1634 Clearbrook Road, Lansdale, PA 19446 (US). **ALMOND, Harold, R.** [US/US]; 1330 Hanover Place, Maple Glen, PA 19002 (US). **POWELL, Eugene** [US/US]; 4801 Woodspring Drive, Pipersville, PA 18947 (US). **DE GARAVILLA, Lawrence** [US/US]; 909 Noble Drive, Downingtown, PA 19335 (US).

(74) **JOHNSON, Philip, S. et al.** / etc.; One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07F 9/6574

(11) **WO 2004/094442** (13) A2

(21) PCT/US2004/006291

(22) **2 Mar/mar 2004 (02.03.2004)**

(25) en (26) en



(30) 10/401,464 **28 Mar/mar 2003** US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ASYMMETRIC CATALYSTS PREPARED FROM OPTICALLY ACTIVE BISPHOSPHITES BRIDGED BY ACHIRAL DIOLS

• CATALYSEURS ASYMETRIQUES PREPARES A PARTIR DE BIPHOSPHITES OPTIQUEMENT ACTIVES PONTEES PAR DES DIOLS ACHIRAUX

(71) **DOW GLOBAL TECHNOLOGIES INC.** [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).

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(72, 75) **WHITEKER, Gregory, Todd** [US/US]; 835 Spring Road, Charleston, WV 25314 (US). **GARDNER, Kelli, Jo** [US/US]; 18 Country View Estates, Winfield, WV 25213 (US). **KLOSIN, Jerzy** [PL/US]; 2209 Parkwood Drive, Midland, MI 48642 (US).

(74) **DRAKE, James, J.**; The Dow Chemical Company, Intellectual Property Section, P.O. Box 1967, Midland, MI 48674-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07G 1/00, A23L 1/308, A61K 7/00

(11) **WO 2004/094443** (13) A1

(21) PCT/NL2004/000268

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 60/464,451 **22 Apr/avr 2003** US  
(22.04.2003)

(30) 03076175.3 **22 Apr/avr 2003** EP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR RECOVERING A SECONDARY PLANT METABOLITE

• PROCEDE PERMETTANT D'EXTRAIRE UN METABOLITE VEGETAL SECONDAIRE

(71) **ROYAL SCHOUTEN GROUP N.V.** [NL/NL]; Burgstraat 12, NL-4283 GG Giessen (NL).

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(72, 75) **VERBRUGGEN, Maria, Anna** [NL/NL]; Willebrordweg 23, NL-6871 ZS Renkum (NL). **BAKKER, Rudolf, Wilhelmus, Maria** [NL/NL]; Kleienburg 31, NL-2411 ZB Bodegraven (NL).

(74) **WINCKELS, J., H., F.**; Vereenigde, C/o Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07H 7/00, 15/00

(11) **WO 2004/094444** (13) A1

(21) PCT/US2003/008530

(22) **20 Mar/mar 2003 (20.03.2003)**

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • 6"-AMINO-6"-DEOXYGALACTOSYL-CERAMIDES

• 6"-AMINO-6"-DEOXYGALACTOSYL-CERAMIDES

(71) **BRIGHAM YOUNG UNIVERSITY** [US/US]; A-268 ASB, P.O. Box 21231, Provo, UT 84602-1231 (US).

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(72, 75) **SAVAGE, Paul, B.** [US/US]; 1075 East Maple Street, Mapleton, UT 84664 (US). **BENDELAC, Albert** [FR/US]; 1121 East 53rd Street, Chicago, IL 60615 (US). **TEYTON, Luc** [FR/US]; 14226 Pinewood Drive, Delmar, CA 92014 (US).

(74) **FREEMAN, John, W.**; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07H 15/04, C12N 15/70, C07H 7/02

(11) **WO 2004/094445** (13) A1

(21) PCT/US2004/012095

(22) **9 Apr/avr 2004 (09.04.2004)**

(25) en (26) en

(30) 60/463,871 **18 Apr/avr 2003** US  
(18.04.2003)

(30) 60/510,872 **14 Oct/oct 2003** US  
(14.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A MORE STABLE ANALOG OF ISOPROPYLTHIOGALACTOSIDE FOR INDUCTION OF PROTEIN EXPRESSION

• ANALOGUE DE L'ISOPROPYLTHIOGALACTOSIDE PLUS STABLE POUR INDUCTION DE L'EXPRESSION PROTEIQUE

(71) **IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC** [US/US]; 310 Lab of Mechanics, Ames, IA 50010-2131 (US).

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(72, 75) **POHL, Nicola Lucia** [US/US]; Iowa State University Research Foundation, 310 Lab of Mechanics, Ames, IA 50010-2131 (US). **KO, Kwang-Seuk** [KR/US]; Iowa State University Research Foundation, 310 Lab of Mechanics, Ames, IA 50010-2131 (US).

(74) **MARSH, Wendy K.**; McKee, Voorhees & Sease PLC, 801 Grand Avenue, Suite 3200, Des Moines, IA 50309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07H 17/08, A61K 31/7048, A61P 9/00, 9/10, 43/00

(11) **WO 2004/094446** (13) A1

(21) PCT/JP2004/003598

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) ja (26) ja

(30) 2003-120068 **24 Apr/avr 2003** JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REMEDIES FOR DISEASES CAUSED BY STRENGTHENED VASCULAR SMOOTH MUSCLE USING 14-MEMBERED RING MACROLIDE COMPOUNDS

• PRODUIT POUR TRAITER DES MALADIES CAUSEES PAR UN MUSCLE LISSE DE LA PAROI VASCULAIRE RENFORCE, AU MOYEN DE COMPOSES MACROLIDES CYCLIQUES A 14 ELEMENTS

(71) **JAPAN SCIENCE AND TECHNOLOGY AGENCY** [JP/JP]; 4-1-8, Hon-cho, Kawaguchi-shi, Saitama 332-0012 (JP).

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(74) **ABE, Masahiro**; Room 1001, DIA Palace Tsudanuma, 14-1, Maebara-nishi 2-chome, Funabashi-shi, Chiba 274-0825 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07H 19/173, 19/073, 21/04, C12N 15/19,  
15/11

(11) WO 2004/094447 (13) A1

(21) PCT/JP2004/003337

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-117569 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • THIONUCLEOSIDE S-NITROSYL  
DERIVATIVE  
• DERIVES S-NITROSYLE D'UN THIO-  
NUCLEOSIDE

(71) KYUSHU TLO COMPANY, LIMITED  
[JP/JP]; 10-1, Hakozaki 6-chome, Hi-  
gashi-ku, Fukuoka-shi, Fukuoka, 8120053  
(JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SASAKI, Shigeki [JP/JP]; 1-4-8-1012,  
Chidori, Koga-shi, Fukuoka, 8113113 (JP).

(74) KOBAYASHI, Hiroshi et al. / etc.; c/o ABE,  
IKUBO & KATAYAMA, Fukuoka Bldg., 9th  
Floor., 8-7, Yaesu 2-chome, Chuo-ku, Tokyo,  
1040028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07H 21/02, 21/04, A61K 31/7115, A61P  
37/06, 19/02, 43/00, 29/00, 3/10, 25/00, 7/06,  
21/04, 17/00, 1/04, 11/06, 37/08, 31/04, 9/10,  
C12N 15/11

(11) WO 2004/094448 (13) A1

(21) PCT/JP2004/005935

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-118999 23 Apr/avr 2003 JP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHYLATED CpG POLYNU-  
CLEOTIDE

• POLYNUCLEOTIDE CPG METHYLE

(71) TAISHO PHARMACEUTICAL CO.  
LTD. [JP/JP]; 24-1, Takada 3-chome,  
Toshima-ku, Tokyo, 1708633 (JP).

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les États désignés sauf US)

(71, 72) SATO, Yukio [JP/JP]; 16-31, Kami-  
hamacho, Fukushima-shi, Fukushima,  
9608134 (JP).

(72, 75) KOBAYASHI, Hiroko [JP/JP];  
17-19-301, Kasuga-cho, Fukushima-shi,  
Fukushima, 9608116 (JP).

(74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku  
Bldg., 8-7, Kyobashi 1-chome, Chuo-ku,  
Tokyo, 1040031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07J 1/00, C07D 413/12, 273/00

(11) WO 2004/094449 (13) A1

(21) PCT/IB2004/001235

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) P20030324 24 Apr/avr 2003 HR  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MACROLIDE-CONJUGATES WITH  
ANTI-INFLAMMATORY ACTIVITY  
• CONJUGUES MACROLIDES A ACTI-  
VITE ANTI-INFLAMMATOIRE

(71) PLIVA PHARMACEUTICAL INDUS-  
TRY, INC. [HR/HR]; Ulica grada Vukovara  
49, Zagreb 10000 (HR).

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les États désignés sauf US)

(72, 75) MERCEP, Mladen [HR/HR]; Ma-  
jstora Radonje 10, Zagreb 10000 (HR).

MESIC, Milan [HR/HR]; Slavenskog 8,  
Zagreb 10000 (HR).

TOMASKOVIC,  
Linda [HR/HR]; Lascinska 119, Za-  
greb 10000 (HR).

MARKOVIC, Stribor  
[HR/HR]; Lancareva 1, Zagreb 10000 (HR).

HRVACIC, Boska [HR/HR]; Medvescak  
72, Zagreb 10000 (HR).

MAKARUHA,  
Oresta [HR/HR]; Srebrnjak 5, Zagreb 10000  
(HR).

POLJAK, Vionja [HR/HR]; Poljica  
29, Zadar 23000 (HR).

(72, 75) MERCEP, Mladen [HR/HR]; Ma-  
jstora Radonje 10, Zagreb 10000 (HR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(25) ko (26) en

(30) 10-2003-0025904 24 Apr/avr 2003 KR  
(24.04.2003)

(30) 10-2003-0025919 24 Apr/avr 2003 KR  
(24.04.2003)

(30) 10-2003-0025936 24 Apr/avr 2003 KR  
(24.04.2003)

(30) 10-2003-0025962 24 Apr/avr 2003 KR  
(24.04.2003)

(30) 10-2003-0025989 24 Apr/avr 2003 KR  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR PREPARING GUGGUL-  
STERONES AND GUGGULSTEROL

• PROCEDE DE PREPARATION DE  
GUGGULSTERONES ET DE GUG-  
GULSTEROLS

(71, 72) KANG, Heonjoong [KR/KR]; 111-210,  
Hansin 2-cha apartment, Jamwon-dong, Seo-  
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Gwanak-gu, Seoul 151-770 (KR). CHIN,  
Jungwook [KR/KR]; 101-301 Miwon apart-  
ment Mullaec-dong 6-ga, Yeongdeungpo-gu,  
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(74) SHIN, Yongkyl; New Seoul Bldg., 828-8  
Yoksam-dong, Kangnam-gu, Seoul 135-080  
(KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMPG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07J 75/00

(11) WO 2004/094451 (13) A2

(21) PCT/EP2004/004086

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 10318896.7 22 Apr/avr 2003 DE  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • 8SG(B)-VINYL-11SG(B)-(SG(V)-SUBSTITUTED)ALKYL-ESTRA-1,3,5(10)-TRIENES

• 8BETA-VINYLE-11BETA-AL-KYLE (SUBSTITUE OMEGA)-ESTRA-1,3,5(10)-TRIENES

(71) SCHERING AKTIENGESELLSCHAFT [DE/DE]; Müllerstrasse 178, 13353 Berlin (DE).

(72) BRÄUER, Nico; Schroeterstr. 13, 07745 Jena (DE). PETERS, Olaf; Am Birnstiel 22, 07745 Jena (DE). HILLISCH, Alexander; Herderstr. 28, 07743 Jena (DE). BOHLMANN, Rolf; Kühler Weg 6a, 14055 Berlin (DE). RICHTER, Margit; Magdelstiege 117b, 07745 Jena (DE). MUHN, Hans, Peter; Markgrafenstr. 61, 13465 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K

(11) WO 2004/094452 (13) A2

(21) PCT/US2004/011824

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,423 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MACROCYCLIC ISOQUINOLINE PEPTIDE INHIBITORS OF HEPATITIS C VIRUS

• PEPTIDE D'ISOQUINOLEINE MACROCYCLIQUE INHIBITEURS DU VIRUS DE L'HEPATITE C

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; Route 206 and Provinceline Road, Princeton, New Jersey 08543-4000 (US).

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(72, 75) MCPHEE, Fiona [GB/US]; 52 High Hill Road, Wallingford, Connecticut 06492 (US). CAMPBELL, Jeffrey Allen [US/US]; 31 Bell Avenue, Glen Gardner, New Jersey 08826 (US). LI, Wenying [US/US]; 6221 Town Place, Middletown, Connecticut 06457 (US). D'ANDREA, Stanley [US/US]; 76 Bellvue Street, Meriden, Connecticut 06451 (US). ZHENG, Zhizhen Barbara [US/US]; 230 Farm Meadow Lane, Cheshire, Connecticut 06410 (US). GOOD, Andrew Charles [GB/US]; 52 High Hill Road, Wallingford, Connecticut 06492 (US). CARINI, David J. [US/US]; 23 Huntington Ridge Road, Wallingford, Connecticut 06492 (US). JOHNSON, Barry L. [US/US]; 21 Wooding Road, Wallingford, Connecticut 06492 (US). SCOLA, Paul Michael [US/US]; 182 Georgetown Road, Glastonbury, Connecticut 06033 (US).

(74) VOLLES, Warren K. et al. / etc.; P.O. Box 4000, Princeton, New Jersey 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K

(11) WO 2004/094453 (13) A2

(21) PCT/US2004/011835

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,578 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FILTRATION OF DIPEPTIDE AND DIPEPTIDE DERIVATIVE SWEETENERS

• FILTRAGE D'EDULCORANTS DIPEPTIDIQUES ET DE DERIVES DIPEPTIDIQUES

(71) THE NUTRASWEET COMPANY [US/US]; 200 World Trade Center, Merchandise Mart, Suite 936, Chicago, IL 60654 (US).

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(72) DEPAUW, Justin, L.; 621 Kimberley Place, Evans, GA 30809 (US).

(74) HOSTER, Jeffrey, M.; c/o The NutraSweet Company, 200 World Trade Center, Merchandise Mart, Suite 936, Chicago, IL 60654 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K

(11) WO 2004/094454 (13) A2

(21) PCT/US2004/011895

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,724 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HLA-A2 TUMOR ASSOCIATED ANTI-GEN PEPTIDES AND COMPOSITIONS  
• PEPTIDES ANTIGENES HLA-A2 ASSOCIES A UNE TUMEUR ET COMPOSITIONS

(71) EPIMMUNE, INC. [US/US]; 5820 Nancy Ridge Road, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FIKES, John, D. [US/US]; 4671 Robbins Street, San Diego, CA 92122 (US).

ISHIOKA, Glenn [US/US]; 11516 Hadar Drive, San Diego, CA 92126 (US).

SETTE, Alessandro [IT/US]; 5551 Linda Rosa Avenue, La Jolla, CA 92037 (US).

CHESTNUT, Robert, W. [US/US]; 1473 Kings Cross Drive, Cardiff-by-the-Sea, CA 92007 (US).

(74) STEFFE, Eric, K. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> C07K

(11) WO 2004/094455 (13) A2

(21) PCT/US2004/011896

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,042 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROPHYLACTIC AND THERAPEUTIC BENEFITS OF NEW CLASS OF IMMUNE STIMULATING PEPTIDES

• AVANTAGES PROPHYLACTIQUES ET THERAPEUTIQUES D'UNE CLASSE DE PEPTIDES DE STIMULATION IMMUNE

(71) **GENEBACT BIOTECHNOLOGIES, INC.** [US/US]; The Innovation Center - Unit 9, Athens, OH 45701 (US).  
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(72, 75) **THACKER, James, D.** [US/US]; 713 Washington Street, Marietta, OH 45750 (US). **FUHRER, Peter, J.** [US/US]; 330 West Schantz Avenue, Dayton, OH 45409 (US). **WILLEFORD, Kenneth, O.** [US/US]; 105 Daffodil Drive, Starkeville, MS 39759 (US).

(74) **REMENICK, James et al.** / etc.; Morrison & Foerster LLP, 1650 Tysons Boulevard, Suite 300, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K

(11) **WO 2004/094456** (13) A2

(21) PCT/US2004/011918

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 60/463,712 **18 Apr/avr 2003 US (18.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMMUNO-AMPLIFICATION

• AMPLIFICATION IMMUNOLOGIQUE

(71) **BECTON, DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NADEAU, James** [US/US]; 10311 Cromwell Court, Ellicott City, MD 21042 (US). **HELLYER, Tobin** [GB/US]; 2133 Fridinger Mill Road, Westminster, MD 21157 (US). **BERGER, Dolores** [US/US]; 6505 Loch Hill Court, Baltimore, MD 21239 (US). **NUSSBAUMER, William** [US/US]; 303 Underwood Court, Baltimore, MD 21212 (US). **ROSENSTEIN, Robert** [US/US]; 4273 Bright Bay Way, Ellicott City, MD 21042 (US). **KAHN, Andrew** [US/US]; 631 Anneslie Road, Baltimore, MD 21212 (US). **WANG, Sha Sha** [US/US]; 10402-G Barretts Delight Drive, Cockeysville, MD 21030 (US). **THORNTON, Keith** [US/US]; 11128 Wild Branch Court, Owings Mills, MD 21117 (US).

(74) **LABGOLD, Marc et al.** / etc.; Patton Boggs, 8484 Westpark Drive, 9th Floor, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K

(11) **WO 2004/094457** (13) A2

(21) PCT/US2004/011929

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 60/463,620 **16 Apr/avr 2003 US (16.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STABLE RGD PEPTIDOMIMETIC COMPOSITION

• COMPOSITION PEPTIDOMIMETIQUE RGD STABLE

(71) **ARIZONA BOARD OF REGENTS, ACTING FOR AND ON BEHALF OF, ARIZONA STATE UNIVERSITY** [US/US]; The Brickyard, 699 South Mill Avenue, Suite 601, Room 691AA, Tempe, AZ 85281 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) **MASSIA, Stephen, P.**; 2313 East Inglewood Street, Mesa, AZ 85213 (US). **EHTESHAMI, Gholam, R.**; 7735 East Adelle Court, Scottsdale, AZ 85255 (US).

(74) **LUTHER, Barbara, J.**; Quarles & Brady Streich Lang LLP, One Renaissance Square, Two North Central Avenue, Phoenix, AZ 85004-2391 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K

(11) **WO 2004/094458** (13) A2

(21) PCT/US2004/011978

(22) **15 Apr/avr 2004 (15.04.2004)**

(25) en (26) en

(30) 60/463,379 **16 Apr/avr 2003 US (16.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MAJOR HISTOCOMPATIBILITY COMPLEX (MHC)-PEPTIDE ARRAYS

• JEUX ORDONNES DE PEPTIDES-COMPLEXES A HISTOCOMPATIBILITE MAJEURE (MHC)

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108 (US). **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02142-1324 (US).

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(72, 75) **STERN, Lawrence, J.** [US/US]; 4 Captain Brown's Lane, Acton, MA 01740 (US). **STONE, Jennifer, D.** [US/US]; 10 Addison Street, Arlington, MA 02476 (US). **CARVEN, Gregory, J.** [US/US]; 73 Gloucester Street, Arlington, MA 02476 (US). **CHITTA, Sriram** [US/US]; 382 Sunderland Road #21B, Worcester, MA 01604 (US). **STRUG, Iwona** [PL/US]; 67 Frank Street #158, Worcester, MA 01604 (US). **COCHRANE, Jennifer, R.** [US/US]; 2400 Chestnut Street, Apt. 2107, Philadelphia, PA 19103 (US).

(74) **FASSE, Peter, J.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K

(11) **WO 2004/094459** (13) A2

(21) PCT/US2004/012024

(22) **15 Apr/avr 2004 (15.04.2004)**

(25) en (26) en

(30) 10/419,059 **17 Apr/avr 2003 US (17.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POLYPEPTIDES RELATED TO NATRIURETIC PEPTIDES AND METHODS OF THEIR IDENTIFICATION AND USE  
• POLYPEPTIDES LIES A DES PEPTIDES NATRIURETIQUES ET LEURS PROCEDES D'IDENTIFICATION ET D'UTILISATION

(71) **BIOSITE INCORPORATED** [US/US]; 11030 Roselle Street, San Diego, 5 92121 (US).

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(72, 75) **BUECHLER, Kenneth, F.** [US/US]; P. O. Box 77, Rancho Santa Fe, California 92067 (US).

(74) **WARBURG, Richard, J. et al.** / etc.; FOLEY & LARDNER LLP, P.O. Box 80278, San Diego, California 92138-0278 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K

(11) WO 2004/094460 (13) A2

(21) PCT/US2004/012067

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/419,059 17 Apr/avr 2003 US (17.04.2003)

(30) 60/466,358 28 Apr/avr 2003 US (28.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POLYPEPTIDES RELATED TO NATRIURETIC PEPTIDES AND METHODS OF THEIR IDENTIFICATION AND USE  
• POLYPEPTIDES LIES AUX PEPTIDES NATRIURETIQUES, PROCEDES D'IDENTIFICATION ET D'UTILISATION DE CES DERNIERS

(71) CIPHERGEN BIOSYSTEMS, INC. [US/US]; 6611 Dumbarton Circle, Fremont, CA 94555 (US). BIOSITE, INC. [US/US]; 11030 Roselle Street, Suite D, San Diego, CA 92121 (US).

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(72, 75) BUECHLER, Kenneth, F. [US/US]; 12523 Manifesto Place, San Diego, CA 92130 (US). FUNG, Eric, Thomas [US/US]; 440 Whisman Park Drive, Mountain View, CA 94043 (US). YIP, Tai-Tung [US/US]; 1532 Aster Court, Cupertino, CA 95014 (US).

(74) LIEBESCHUETZ, Joe et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K

(11) WO 2004/094461 (13) A2

(21) PCT/US2004/012374

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/419,399 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HUMAN GLUCAGON-LIKE-PEPTIDE-1 MIMICS AND THEIR USE IN THE TREATMENT OF DIABETES AND RELATED CONDITIONS

• MIMETIQUES DU PEPTIDE 1 DE TYPE GLUCAGON HUMAIN UTILISES DANS LE TRAITEMENT DU DIABETE ET DES PATHOLOGIES APPARENTES

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(74) LANGE, Keith, R. et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C07K 1/00

(11) WO 2004/094462 (13) A2

(21) PCT/GB2004/001791

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003 1818 23 Apr/avr 2003 NO (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS OF PEPTIDE PREPARATION

• PROCEDES D'ELABORATION DE PEPTIDES

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(74) GARDNER, Rebecca; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 7/00

(11) WO 2004/094463 (13) A2

(21) PCT/US2004/012195

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,929 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

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(72, 75) JOHNSON, Howard, M. [US/US]; 4404 N.W. 75th Street, Gainesville, FL 32606 (US). SUBRAMANIAM, Prem, S. [IN/US]; 9624 SW 35th Lane, Gainesville, FL 32608 (US).

- (74) PACE, Doran, R. et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, A Professional Association, PO Box 142950, Gainesville, FL 32614-2950 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07K 7/06, C07C 237/22, C07K 5/062, 5/083, 5/103
- (11) WO 2004/094464 (13) A1
- (21) PCT/FR2003/001021
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) fr (26) fr
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • OLIGOPEPTIDES, COMPOSITION AND USE THEREOF AS ELICITORS OF THE NATURAL DEFENCES OF PLANTS
- OLIGOPEPTIDES, COMPOSITION ET UTILISATION COMME ELICITEURS DES DEFENSES NATURELLES DES PLANTES
- (71) BIOPHYTECH SAS [FR/FR]; Zone des Prés d'Arènes, 11, rue du Lantissargues, F-34000 Montpellier (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR).  
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- (74) CABINET CLAUDE BES; 2bis, rue de Verdun, F-34000 Montpellier (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C07K 14/00
- (11) WO 2004/094465 (13) A2
- (21) PCT/US2004/012708
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 60/464,714 23 Apr/avr 2003 US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYNTHETIC MOLECULES THAT MIMIC CHEMOKINES
- MOLECULES SYNTHETIQUES IMITANT LES CHIMIOKINES
- (71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS OFFICE OF TECHNOLOGY MANAGEMENT UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN [US/US]; 319 Ceramics Building, MC-243, 105 South Goodwin Avenue, Urbana, IL 61801 (US).  
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- (72, 75) HUANG, Ziwei [US/US]; 1107 West Green Street, #323, Urbana, IL 61801 (US).
- (74) ZINKL, Gregory, M. et al. / etc.; Sonnenschein Nath & Rosenthal LLP, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 14/11
- (11) WO 2004/094466 (13) A2
- (21) PCT/US2004/012050
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 60/464,776 23 Apr/avr 2003 US (23.04.2003)
- (30) 60/465,328 24 Apr/avr 2003 US (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VIRUSES ENCODING MUTANT MEMBRANE PROTEIN
- VIRUS CODANT UNE PROTEINE MEMBRANAIRE MUTANTE
- (71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 Walnut Street, Madison, WI 53705 (US).  
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- (74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C07K 14/315
- (11) WO 2004/094468 (13) A2
- (21) PCT/EP2004/004429
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 0309246.7 23 Apr/avr 2003 GB (23.04.2003)
- Declarations / Déclarations :
- (t) for all designations / pour toutes les designations
- (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> C07K 14/315
- (11) WO 2004/094468 (13) A2
- (21) PCT/EP2004/004429
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 0309246.7 23 Apr/avr 2003 GB (23.04.2003)

(30) 0329112.7 16 Dec/déc 2003 GB  
(16.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND TREATMENT  
• PROCÉDÉ ET TRAITEMENT

(71) HANSA MEDICAL RESEARCH AB  
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(74) ROQUES, Sarah, Elizabeth et al. / etc.;  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07K 14/35, 14/195

(11) WO 2004/094469 (13) A1

(21) PCT/EP2004/004345

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,644 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TUBERCULOSIS VACCINE WITH IMPROVED EFFICACY  
• VACCIN CONTRE LA TUBERCULOSE A EFFICACITE AMELIOREE

(71) MAX-PLANCK-GESELLSCHAFT  
ZUR FÖRDERUNG DER WIS-  
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(74) WEICKMANN & WEICKMANN; Post-  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> C07K 14/72, C12Q 1/68

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(21) PCT/EP2004/004035

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 18 496.1 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANALYSIS AND USE OF PAR 1 POLY-  
MORPHISMS FOR THE RISK ESTI-  
MATION OF CARDIOVASCULAR  
DISEASES

• ANALYSE ET UTILISATION DE POLY-  
LYMORPHISMES DE PAR 1 DANS  
L'ÉVALUATION DE RISQUES POUR  
DES MALADIES CARDIOVASCU-  
LAIRES

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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> C07K 14/775, 5/065, 5/087, 5/09, 5/093,  
5/11, 5/107, 5/113, 7/04, A61K 38/17, 38/05,  
38/06, 38/07, 38/08, G01N 33/92

(11) WO 2004/094471 (13) A2

(21) PCT/US2004/012445

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,667 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEDIATORS OF REVERSE CHOLE-  
STEROL TRANSPORT FOR THE  
TREATMENT OF HYPERCHOLE-  
STEROLEMIA

• MEDIATEURS DU TRANSPORT  
INVERSE DU CHOLESTEROL  
POUR LE TRAITEMENT DE  
L'HYPERCHOLESTEROLEMIE

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(74) ALTMAN, Daniel, E.; 2040 Main Street,  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C07K 14/78

(11) WO 2004/094472 (13) A2

(21) PCT/GB2004/001719

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0309064.4 22 Apr/avr 2003 GB  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MODIFIED PEPTIDES AND THEIR  
USES

• PEPTIDES MODIFIES ET LEURS UTI-  
LISATIONS

(71) THE VICTORIA UNIVERSITY OF  
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(72, 75) **KADLER, Karl** [GB/GB]; 24 Water-side, Marple, Stockport, Cheshire SK6 7LY (GB). **BULLEID, Neil** [GB/GB]; 31 South Parade, Bramhall, Stockport SK7 3BJ (GB). **ASHCROFT, Gillian** [GB/GB]; 7 Broadhurst Lane, Wrightington, Lancs., WN6 9RX (GB).

(74) **MARKS & CLERK**; Tower Building, Water Street, Liverpool L3 1BA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C07K 16/00

(11) WO 2004/094473 (13) A2

(21) PCT/US2004/012649

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,058 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HUMANIZED ANTIBODIES TO INTERFERON ALPHA RECEPTOR-1 (IFNAR-1)

• ANTICORPS HUMANISES DU RECEPTEUR 1 ALPHA D'INTERFERON (IFNAR-1)

(71) **MEDAREX, INC.** [US/US]; 707 State Road, Princeton, NJ 08540-1437 (US).

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(72, 75) **CARDARELLI, Josephine, M.** [US/US]; 126 Leslie Drive, San Carlos, CA 94070 (US). **CHEN, Tseng-hui, Timothy** [US/US]; 8 Davis Court, Burlingame, CA 94010 (US). **KING, David** [US/US]; 1744 Terrace Drive, Belmont, CA 94002 (US). **BEBBINGTON, Christopher, R.** [GB/US]; 132 Avila Road, San Mateo, CA 94402 (US). **POGUE, Sarah, Lee** [US/US]; 5471 Midway Commons, Fremont, CA 94402 (US). **CARR, Francis, J.** [GB/GB]; Birchlea, The Holdings, Balmedie Aberdeenshire AB23 8XU (GB). **WILLIAMS, Stephen** [GB/GB]; Blavenie House, Alford Aberdeenshire AB33 8HJ (GB).

(74) **SACHDEVA, Gurjeev, K. et al.** / etc.; Dorsey & Whitney LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 16/12, A61K 39/40, C12Q 1/68, G01N 33/563

(11) WO 2004/094474 (13) A1

(21) PCT/GB2004/001619

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 0309126.1 17 Apr/avr 2003 GB (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CLOSTRIDIUM DIFFICILE FOCUSED ANTIBODIES  
• ANTICORPS SPECIFIQUES A <I>CLOSTRIDIUM DIFFICILE</I>

(71) **NEUTEC PHARMA PLC** [GB/GB]; Clinical Sciences Building, Central Manchester Healthcare Trust, Oxford Road, Manchester Lancashire M13 9WL (GB).

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(72, 75) **BURNIE, James, Peter** [GB/GB]; 1 Greystoke Drive, Alderley Edge Cheshire SK9 7PY (GB). **MATTHEWS, Ruth, Christine** [GB/GB]; 1 Greystoke Drive, Alderley Edge Cheshire SK9 7PY (GB).

(74) **MCCALLUM, Graeme, David et al.** / etc.; Lloyd Wise, McNeight & Lawrence, Highbank House, Exchange Street, Stockport Cheshire SK3 0ET (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07K 16/36, 16/42, A61K 39/395, A61P 35/00

(11) WO 2004/094475 (13) A2

(21) PCT/US2004/012206

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,363 22 Apr/avr 2003 US (22.04.2003)

(30) 60/482,498 26 Jun/juin 2003 US (26.06.2003)

(30) 10/816,938 5 Apr/avr 2004 US (05.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TISSUE FACTOR ANTIBODIES AND USES THEREOF  
• ANTICORPS SE FIXANT AU FACTEUR TISSULAIRE ET LEURS UTILISATIONS

(71) **EURO-CELTIQUE S.A.** [LU/LU]; 122, Boulevard de la Petrusse, L-2330 Luxembourg (LU).

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(71, 72) **WANG, Baiyang** [US/US]; 16 Averstone Dr. E, Washington Crossing, PA 18977 (US).

(74) **KIM, Judith, U. et al.** / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> C07K 16/44, 14/47, G01N 33/53, A61P 35/00, C12N 15/12, 15/63, 15/09, A61K 31/7088, C07K 19/00

(11) WO 2004/094476 (13) A2

(21) PCT/US2004/011793

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,656 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITIONS AND METHODS RELATING TO STOP-1  
• COMPOSITIONS ET METHODES SE RAPPORTANT A STOP-1

(71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).



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- (72, 75) ACKERLY, Heidi [US/US]; Box 333, Star Route 2, La Honda, CA 94020 (US). ASHKENAZI, Avi [US/US]; 1456 Tarrytown Street, San Mateo, CA 94402 (US). EBERHARD, David [US/US]; #212, 360 Guerrero Street, San Francisco, CA 94103 (US). FRANTZ, Gretchen [US/US]; 135 San Benito Way, San Francisco, CA 94127 (US). FRENCH, Dorothy [US/US]; 318 Beacon Shores Drive, Redwood City, CA 94065 (US). FUH, Germaine [US/US]; 149 Amapola Avenue, Pacifica, CA 94044 (US). HONGO, Jo-Anne [US/US]; 31 Shaw Court, Redwood City, CA 94061 (US). LEE, Chingwei [CN/US]; Apt. 102, 165 Buckingham Way, San Francisco, CA 94132 (US). MARSTERS, Scot [US/US]; 990 Cherry Street, San Carlos, CA 94070 (US). PITTI, Robert [US/US]; 1110 Liberty Street, El Cerrito, CA 94530 (US). RAAB, Helga [DE/US]; 715 Shields Street, San Francisco, CA 94132 (US). SOROCEANU, Liliana [RO/US]; Apt. 6, 3042 Sacramento Street, San Francisco, CA 94115 (US). VARFOLOMEEV, Evgeny [RU/US]; 7102 Shelter Creek Lane, San Bruno, CA 94066 (US). WOLF, Beni [US/US]; 607 Seasons Lane, Redwood City, CA 94065 (US).

- (74) SHIN, Elinor et al. / etc.; MS 49, 1 DNA Way, South San Francisco, CA 94080-4990 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C07K 16/46, A61K 39/395

(11) WO 2004/094477 (13) A1

(21) PCT/CU2004/000006

(22) 22 Apr/avr 2004 (22.04.2004)

(25) es (26) es

(30) 2003-0092 23 Apr/avr 2003 CU (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • RECOMBINANT ANTIBODIES AND FRAGMENTS RECOGNISING GANGLIOSIDE N-GLYCOLYL-GM3 AND USE THEREOF IN THE DIAGNOSIS AND TREATMENT OF TUMOURS  
• ANTICORPS DE RECOMBINAISON ET FRAGMENTS RECONNAISSANT LE GANGLIOSIDE N-GLYCOLYL GM3 ET LEUR UTILISATION DANS LE DIAGNOSTIC ET LE TRAITEMENT DES TUMEURS

- (71) CENTRO DE INMUNOLOGIA MOLECULAR [CU/CU]; Calle 216 esq. 15, Atabey, Playa, Ciudad Habana, Cuba., Ciudad de la Habana 12100 (CU).

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- (72, 75) ROQUE NAVARRO, Loudes, Tatiana [CU/CU]; Calle 13 No 4211 e/ 42y 44, Playa, CP 11300 C.Habana, Cuba., Ciudad de la Habana 11300 (CU). MATEO DE ACOSTA DEL RIO, Cristina, María [CU/CU]; Calle C # 9510 e/ 6 y 10 Altahabana, C.Habana, Cuba., Ciudad de la Habana 10800 (CU). RODRÍGUEZ GONZALEZ, Mabel [CU/CU]; Consejo Veiga No 110 e/ Estrada Palma y Luis Estévez, Vibora 10 de Octubre., C.Habana, Cuba., Ciudad de la Habana 10500 (CU). ROJAS DORANTES, Gertrudis [CU/CU]; Santa Irene 164 Altos e Flores y San Benigno, Santos Suárez, Vibora, 10 de Octubre CP 10500, C.Habana, Cuba, C.Habana 10500 (CU). TALAVERA PÉREZ, Ariel [CU/CU]; Calle J # 58 e/ Calzada y Malecón, Vedado, CP10400 C. Habana, Cuba., C. Habana 10400 (CU). MORENO FRIAS, Ernesto [CU/CU]; 5 ta Avenida, Edificio BBE, apto 16, Reparto Flores, Playa, C. Habana, Cuba, C. Habana 12100 (CU).

- (74) ACOSTA MARTÍNEZ, Ada; Av. Ira # 1001 esq. 10, Miramar, Playa, Ciudad de la Habana, Cuba, Ciudad de la Habana 11300 (CU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C07K 19/00, C12N 9/64

(11) WO 2004/094478 (13) A2

(21) PCT/DK2004/000282

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) PA 2003 00616 23 Apr/avr 2003 DK (23.04.2003)

(30) 60/464,663 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • CLEAVAGE OF FUSION PROTEINS USING GRANZYME B PROTEASE  
• CLIVAGE DE PROTEINES DE FUSION AU MOYEN DE LA PROTEASE GRANZYME B

- (71) BOREAN PHARMA A/S [DK/DK]; Gustav Wieds Vej 10, DK-8000 Aarhus (DK). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) LORENTSEN, Rikke, Hoegh [DK/DK]; Sejrogade 2, 1th, DK-8000 Aarhus C (DK). FYNBO, Charlotte, Harkjær [DK/DK]; Neptunvej 71, 3th, DK-8260 Viby J (DK).

- (74) BOREAN PHARMA A/S; Gustav Wieds Vej 10, DK-8000 Aarhus (DK).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08C

(11) WO 2004/094479 (13) A1

(21) PCT/JP2004/005683

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-115490 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHOD FOR PRODUCING LOW-FRICTION FLUORINE RUBBER CROSSLINKED BODY  
• PROCEDE DE PRODUCTION DE CORPES RETICULE EN CAOUTCHOUC FLUORE A FAIBLE FROTTEMENT

- (71) NOK CORPORATION [JP/JP]; 12-15, Shibadaimon 1-chome, Minato-ku, Tokyo 1058585 (JP).

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- (72, 75) HIGASHIRA, Toshihiro [JP/JP]; c/o NOK CORPORATION, 4-3-1, Tsujido-Shinmachi, Fujisawa-shi, Kanagawa 2510042 (JP). SANO, Hiroyuki [JP/JP]; c/o NOK CORPORATION, 4-3-1, Tsujido-Shinmachi, Fujisawa-shi, Kanagawa 2510042 (JP). FUJIMOTO, Kenichi [JP/JP]; c/o NOK CORPORATION, 4-3-1, Tsujido-Shinmachi, Fujisawa-shi, Kanagawa 2510042 (JP).

- (74) SUZUKI, Shunichiro; S.Suzuki & Associates, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 1410031 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F

(11) WO 2004/094480 (13) A2

(21) PCT/US2004/011532

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

- (30) 10/414,615      16 Apr/avr 2003    US  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SUPPORTED METALLOCENE CATALYST SYSTEM FOR OLEFIN POLYMERIZATION, METHOD FOR MAKING AN USING THE SAME  
• SYSTEME DE CATALYSE DU METALLOCENE SUR SUPPORT POUR LA POLYMERISATION D'OLEFINES ET SON PROCEDE D'UTILISATION ET DE FABRICATION
- (71) SAUDI BASIC INDUSTRIES CORPORATION [SA/SA]; P.O. Box 5101, 11411 Riyadh (SA).  
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- (72, 75) ATIQULLAH, Muhammad [BD/SA]; King Fahd University of Petroleum & Minerals, 31261 Dhahran (SA). MOMAN, Akhlaq [GB/SA]; 42503, 11551 Riyadh (SA). AKHTAR, Muhammad, Naseem [PK/SA]; King Fahd University of Petroleum & Minerals, 31261 Dhahran (SA). ABU-RAQABAH, Atieh [JO/SA]; P.O. Box 42503, 11511 Riyadh (SA). PALACKAL, Syriac, J. [IN/SA]; P.O. Box 42503, 11511 Riyadh (SA). AL-SALEH, Muhammad, A. [SA/SA]; King Fahd University of Petroleum & Minerals, 31261 Dhahran (SA). RAHMAN, Faizur [IN/SA]; King Fahd University of Petroleum & Minerals, 31261 Dhahran (SA). IBRAHIM, Muhammad [US/SA]; P.O. Box 42503, 11511 Riyadh (SA). KHAN, Javaid, H. [IN/SA]; King Fahd University of Petroleum & Minerals, 31261 Dhahran (SA).
- (74) SPATZ, William, J.; Kramer Levin Naftalis & Frankel LLP, 919 Third Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08F
- (11) WO 2004/094481      (13) A2
- (21) PCT/US2004/011681
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en      (26) en
- (30) 60/463,601      17 Apr/avr 2003    US  
(17.04.2003)
- (30) 60/518,236      7 Nov/nov 2003    US  
(07.11.2003)
- (30) 10/817,187      2 Apr/avr 2004    US  
(02.04.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POLYMERIZATION OF I-BUTENE IN HYDROCARBON MEDIA USING BIS(BORANE)CO-INITIATORS  
• POLYMERISATION DE I-BUTENE DANS DES MILIEUX HYDROCARBONES AU MOYEN DE CO-INITIATEURS DE BIS(BORANE)
- (71) THE UNIVERSITY OF AKRON [US/US]; 302 East Buchtel Common, Akron, OH 44325 (US).
- (71, 72) COLLINS, Scott [US/US]; 2094 Tricaso Drive, North Canton, OH 44720 (US). PIERS, Warren, E. [CA/CA]; 7932 71st Avenue, Northwest, Calgary, Alberta T3B 4J3 (CA). LEWIS, Stewart, P. [US/US]; 3175 Dresden Road, Zanesville, OH 43701 (US).
- (74) SCHLUE, Daniel, J.; Roetzel & Address, 222 South Main Street, Akron, OH 44308 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08F 2/44, 2/00, A61F 13/53
- (11) WO 2004/094482      (13) A1
- (21) PCT/JP2004/005375
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) ja      (26) ja
- (30) 2003-119859      24 Apr/avr 2003    JP  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • WATER-ABSORBING RESIN COMPOSITE AND PROCESS FOR PRODUCING ACCUMULATION THEREOF  
• RESINE COMPOSITE ABSORBANT L'EAU ET PROCEDE PERMETTANT DE PRODUIRE UNE ACCUMULATION DE CETTE DERNIERE
- (71) MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 1080014 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIMORI, Shunichi [JP/JP]; c/o MITSUBISHI CHEMICAL CORPORATION, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP). ITOH, Kiichi [JP/JP]; c/o MITSUBISHI CHEMICAL CORPORATION, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP). MORI, Yoshiaki [JP/JP]; c/o MITSUBISHI CHEMICAL CORPORATION, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP). SUGYO, Yasunari [JP/JP]; c/o MITSUBISHI CHEMICAL CORPORATION, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP). ISHII, Taisuke [JP/JP]; c/o MITSUBISHI CHEMICAL CORPORATION, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP).
- (74) SIKS & Co.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 1040031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08F 2/44, 2/00, A61F 13/53
- (11) WO 2004/094483      (13) A1
- (21) PCT/JP2004/005398
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) ja      (26) ja
- (30) 2003-119858      24 Apr/avr 2003    JP  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • WATER-ABSORBING RESIN COMPOSITE AND PROCESS FOR PRODUCING ACCUMULATION THEREOF  
• RESINE COMPOSITE ABSORBANT L'EAU ET PROCEDE PERMETTANT DE PRODUIRE UNE ACCUMULATION DE CETTE DERNIERE
- (71) MITSUBISHI CHEMICAL CORPORATION [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 1080014 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIMORI, Shunichi [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP). ITOH, Kiichi [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP). MORI, Yoshiaki [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP). SUGYO, Yasunari [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP). ISHII, Taisuke [JP/JP]; c/o Mitsubishi Chemical Corporation, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP).
- (74) SIKS & Co.; 8th Floor, Kyobashi-Nisshoku Bldg., 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 1040031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F 2/50, 293/00, 2/38

(11) WO 2004/094484 (13) A1

(21) PCT/US2004/004255

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 10/393,780 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AZLACTONE PHOTONIFERTERS FOR RADICAL POLYMERIZATION  
• PHOTONIFERTERS AZLACTONE DESTINES A LA POLYMERISATION RADICALEIRE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
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(72, 75) WENDLAND, Michael, S. [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). LEWANDOWSKI, Kevin, M. [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). FANSLER, Duane, D. [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). GADDAM, Babu, N. [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). HEILMANN, Steven, M. [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) KOKKO, Kent, S. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C08F 2/50, 2/38, 293/00

(11) WO 2004/094485 (13) A1

(21) PCT/US2004/004506

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 10/393,551 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RING-OPENED AZLACTONE PHOTONIFERTERS FOR RADICAL POLYMERIZATION  
• PHOTONIFERTERS A AZLACTONE A CYCLE OUVERT POUR LA POLYMERISATION RADICALEIRE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEWANDOWSKI, Kevin, M. [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). WENDLAND, Michael, S. [US/US]; Post Office Box 33427, St. Paul, MN 55133-3427 (US). FANSLER, Duane, D. [US/US]; Post Office Box 33427, St. Paul, MN 55133-3427 (US). HEILMANN, Steven, M. [US/US]; Post Office Box 33427, St. Paul, MN 55133-3427 (US). GADDAM, Babu, N. [US/US]; Post Office Box 33427, St. Paul, MN 55133-3427 (US).

(74) KOKKO, Kent, S. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C08F 4/52, C07C 5/02

(11) WO 2004/094486 (13) A1

(21) PCT/US2004/011682

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,601 17 Apr/avr 2003 US (17.04.2003)

(30) 60/518,236 7 Nov/nov 2003 US (07.11.2003)

(30) 10/817,465 2 Apr/avr 2004 US (02.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POLYMERIZATION OF I-BUTENE IN HYDROCARBON MEDIA USING BIS(BORANE) CO-INITIATORS  
• POLYMERISATION DE I-BUTENE DANS DES HYDROCARBURES PAR LE BIAIS DE CO-INITIATEURS AU BIS(BORANE)

(71) THE UNIVERSITY OF AKRON [US/US]; 302 E. Buchtel Common, Akron, OH 44325 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) KENNEDY, Joseph, P. [US/US]; 510 St. Andrews Street, Akron, OH 44303 (US). COLLINS, Scott [US/US]; 2094 Tri-caso Drive, North Canton, OH 44720 (US). LEWIS, Stewart, P. [US/US]; 3175 Dresden Road, Zanesville, OH 43701 (US).

(74) SCHLUE, Daniel, J.; Roetzel & Address, 222 South Main Street, Akron, OH 44308 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)<sup>7</sup> C08F 10/06, 2/00

(11) WO 2004/094487 (13) A1

(21) PCT/US2004/005018

(22) 20 Feb/fév 2004 (20.02.2004)

(25) en (26) en

(30) 60/456,373 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MORPHOLOGY CONTROLLED OLEFIN POLYMERIZATION PROCESS  
• PROCEDE DE POLYMERISATION D'OLEFINES AVEC CONTROLE DE LA MORPHOLOGIE

(71) **DOW GLOBAL TECHNOLOGIES, INC.** [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).  
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(72, 75) **COALTER, Joseph, N., III** [US/US]; 44 Doral Street, Hurricane, WV 25526 (US).  
**VAN EGMOND, Jan, W.** [NL/US]; 1504 Virginia Street, Charleston, WV 25311 (US).  
**THERIAULT, Curt, N.** [US/US]; 4282 South Schreiber Road, Hemlock, MI 48626 (US).  
**PAINTER, Roger, B.** [US/US]; 121 Barrington Drive, Scott Depot, WV 25560 (US).

(74) **DELINÉ, Douglas, N.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48674-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08F 110/02, 4/642

(11) WO 2004/094488 (13) A1

(21) PCT/US2004/006419

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 10/421,052 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OLEFIN POLYMERIZATION CATALYSTS BASED ON HYDROXYL-DEPLETED CALIXARENE LIGANDS

• CATALYSEURS DE POLYMERISATION D'OLEFINES A BASE DE LIGANDS DE CALIXARENES APPAUVRIS EN HYDROXYLE

(71) **EQUISTAR CHEMICALS LP** [US/US]; One Houston Center, 1221 McKinney Street, Houston, Texas 77010 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGY, Sandor** [US/US]; 561 Stanhope Court, Naperville, Illinois 60565 (US).

(74) **SCHUCHARDT, Jonathan, L.** et al. / etc.; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, Pennsylvania 19073 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C08F 110/02, 4/69, 2/34

(11) WO 2004/094489 (13) A1

(21) PCT/US2004/006505

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 60/458,631 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CHROMIUM-BASED CATALYSTS IN MINERAL OIL FOR PRODUCTION OF POLYETHYLENE

• CATALYSEURS A BASE DE CHROME DANS UNE HUILE MINERALE POUR LA PRODUCTION DE POLYETHYLENE

(71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

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(72, 75) **JORGENSEN, Robert, J.** [US/US]; 38 Bunker Drive, Belle Mead, NJ 08502 (US).  
**BREETZ, Karen, E.** [US/US]; 1324 Airport Boulevard, Apartment 8, Morgantown, WV 26505 (US).  
**CEVALLOS-CANAU, Jose, Fernando** [US/US]; 1518 Coventry Lane, Charleston, WV 25314 (US).  
**WRIGHT, Dale, A.** [US/US]; 2106 Kanawha Boulevard, Apartment 428, Charleston, WV 25311 (US).  
**SPRIGGS, Thomas, E.** [US/US]; 5201 Villa Pike, Cross Lanes, WV 25313 (US).

(74) **DELINÉ, Douglas, N.**; The Dow Chemical Company, Intellectual Property Section, P.O. Box 1967, Midland, MI 48674-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C08F 210/06

(11) WO 2004/094490 (13) A1

(21) PCT/US2004/008069

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/463,129 15 Apr/avr 2003 US (15.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CATALYSTS FOR PROPYLENE COPOLYMERS, POLYMERIZATION PROCESS AND COPOLYMER OF PROPYLENE

• CATALYSEURS POUR COPOLYMERES DE PROPYLENE, PROCEDE DE POLYMERISATION ET COPOLYMERE DE PROPYLENE

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520 (US).

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(72, 75) **BRANT, Patrick** [US/US]; 1038 Shorewood, Seabrook, TX 77586 (US).

(74) **BELL, Catherine, L.**; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> C08F 214/18, 214/26, C09D 127/12, H01B 3/44

(11) WO 2004/094491 (13) A1

(21) PCT/US2004/003459

(22) 6 Feb/fév 2004 (06.02.2004)

(25) en (26) en

(30) 03075848.6 25 Mar/mar 2003 EP (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • MELT-PROCESSIBLE THERMOPLASTIC FLUOROPOLYMERS HAVING IMPROVED PROCESSING CHARACTERISTICS AND METHOD OF PRODUCING SAME
- FLUOROPOLYMERES THERMOPLASTIQUES POUVANT ETRE TRAITES PAR FUSION PRESENTANT DES CARACTERISTIQUES DE TRAITEMENT AMELIOREES ET LEUR METHODE DE PRODUCTION
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KASPAR, Harald [DE/DE]; Werk Gendorf-Bau 337, 84504 Burgkirchen (DE). HINTZER, Klaus [DE/DE]; Werk Gendorf-Bau 337, 84504 Burgkirchen (DE). ZIPPLIES, Tilman [DE/DE]; Werk Gendorf-Bau 337, 84504 Burgkirchen (DE). KAULBACH, Ralph [DE/DE]; Werk Gendorf-Bau 337, 84504 Burgkirchen (DE).
- (74) SZYMANSKI, Brian, E. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08F 214/26
- (11) WO 2004/094492 (13) A1
- (21) PCT/US2004/010709
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 60/463,475 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MELT-FABRICABLE TETRAFLUOROETHYLENE/FLUORINATED VINYL ETHER COPOLYMER PREPARED BY SUSPENSION POLYMERIZATION
- COPOLYMERE DE TETRAFLUOROETHYLENE/ETHER VINYLIQUE FLUORE POUVANT ETRE FABRIQUE A L'ETAT FONDU PREPARE PAR POLYMERISATION EN SUSPENSION
- (71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 MARKET STREET, WILMINGTON, Delaware 19898 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ATEN, Ralph, Munson [US/US]; 4 Ridgeway Drive, Chadds Ford, Pennsylvania 19317 (US).
- (74) HENDRICKSON, John, S.; E. I. Du Pont de Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, Delaware 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08F 232/00, B32B 27/32, C08L 23/00
- (11) WO 2004/094493 (13) A1
- (21) PCT/US2004/008353
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/404,787 1 Apr/avr 2003 US (01.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • THERMOPLASTIC AROMA BARRIER INCORPORATING CYCLO-OLEFINS
- BARRIERE THERMOPLASTIQUE CONTRE LES AROMES COMPRENANT DES CYCLO-OLEFINES
- (71) TICONA LLC [US/US]; 90 Morris Avenue, Summit, NJ 07901 (US). PACTIV CORPORATION [US/US]; 1900 W. Field Court, Lake Forest, IL 60045 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JESTER, Randy, D. [US/US]; 1795 Lake Cunningham Road, Greer, SC 29651 (US). CANALE-SCHMIDT, Barbara [US/US]; 31 Union Street, North Adams, MA 01247-3548 (US). BELIAS, William, P. [US/US]; 58 Wenham Lane, Pittsford, NY 14534 (US). CHEN, Paul, N. [US/US]; 140 Kennedy Street, Canandaigua, NY 14424 (US).
- (74) FERRELL, Michael, W.; Ferrells, PLLC, P.O. Box 312, Clifton, VA 20124-1706 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08G
- (11) WO 2004/094494 (13) A2
- (21) PCT/US2004/012474
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 60/464,306 21 Apr/avr 2003 US (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • APPARATUS AND METHODS FOR THE ATTACHMENT OF MATERIALS TO POLYURETHANE FOAM, AND ARTICLES MADE USING THEM
- APPAREIL ET PROCÉDES DE FIXATION DE MATIÈRES A UNE MOUSSE EN POLYURETHANNE ET ARTICLES AINSI CONSTITUÉS
- (71) RYNEL, INC. [US/US]; 55 Industrial Park Road, Boothbay, ME 04537 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KENNEDY, T., Scott [US/US]; 11 Andersen Road, Boothbay, ME 04544 (US). DETERT, James, W. [US/US]; 20 Hacker Road, Brunswick, ME 04011 (US). STORMONT, Jonathan [US/US]; P.O. Box 22, Dresden, ME 04342 (US). WINICOV, Herbert [US/US]; P.O. Box 345, East Boothbay, ME 04544 (US). LIBBY, Fred [US/US]; 1180 Washington Road, Waldboro, ME 04572 (US).
- (74) GORDON, Dana, M. et al. / etc.; Foley Hoag LLP, Patent Group, Seaport World Trade Center West, 155 Seaport Boulevard, Boston, MA 02210-2600 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08G
- (11) WO 2004/094495 (13) A2
- (21) PCT/US2004/004153
- (22) 10 Feb/fév 2004 (10.02.2004)
- (25) en (26) en
- (30) 10/412,710 10 Apr/avr 2003 US (10.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITIONS AND METHODS OF USING A TRANSIENT COLORANT
- COMPOSITIONS ET PROCÉDES D'UTILISATION D'UN COLORANT TRANSITOIRE

- (71) **COHESION TECHNOLOGIES, INC.** [US/US]; 2500 Faber Place, Palo Alto, CA 94303 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DANILOFF, George, Y.** [US/US]; 1935 Polk Court, Mountain View, CA 94040 (US). **DANIELS, John, R.** [US/US]; 842 Las Casa Avenue, Pacific Palisades, CA 90272 (US).
- (74) **EBERLE, Shelley, P. et al. / etc.;** 800 Menlo Avenue, Suite 210, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08G**  
(11) **WO 2004/094496** (13) A2  
(21) PCT/US2004/005476  
(22) **25 Feb/fév 2004 (25.02.2004)**  
(25) en (26) en  
(30) 10/400,216 **27 Mar/mar 2003** US (27.03.2003)  
(30) 10/400,362 **27 Mar/mar 2003** US (27.03.2003)  
(30) 10/400,961 **27 Mar/mar 2003** US (27.03.2003)  
(30) 10/655,877 **5 Sep/sep 2003** US (05.09.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • **HIGH-STRENGTH BLACK POLYURETHANE FOAMS**  
• **MOUSSES DE POLYURETHANE NOIR HAUTE TENACITE**
- (71) **MILLIKEN & COMPANY** [US/US]; 920 Milliken Road, Spartanburg, SC 29303 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **XIA, Jusong** [CN/US]; 509 Berndary Court, Spartanburg, SC 29369 (US). **BAT-LAW, Rajnish** [US/US]; 102 Coventry Court, Spartanburg, SC 29301 (US).
- (74) **MOSES, Thomas, L.;** Milliken & Company, Legal Department (M-495), 920 Milliken Road, Spartanburg, SC 29303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08G 12/40, 12/42, C09D 161/32**  
(11) **WO 2004/094498** (13) A1  
(21) PCT/US2004/005719  
(22) **26 Feb/fév 2004 (26.02.2004)**  
(25) en (26) en  
(30) 10/403,442 **31 Mar/mar 2003** US (31.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • **MELAMINE AND GUANAMINE-BASED CROSSLINKING COMPOSITION**  
• **COMPOSITION DE RETICULATION A BASE DE MELAMINE ET DE GUANAMINE**
- (71) **CYTEC TECHNOLOGY CORP.** [US/US]; 300 Delaware Avenue, Wilmington, DE 19801 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIN, Lon-Tang, Wilson** [US/US]; 3 Falls Lane, Bethel, CT 06801 (US). **JACOBS III, William,** [US/US]; 9 Old Lantern Drive, Bethel, CT 06801 (US). **VERHAGE, Dimitri** [NL/NL]; Plantage 16, 2941 VS Krimpen
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **C08G 12/02, 12/42, 12/38, C09D 161/32, C08L 61/32**  
(11) **WO 2004/094497** (13) A1  
(21) PCT/US2004/005718  
(22) **26 Feb/fév 2004 (26.02.2004)**  
(25) en (26) en  
(30) 10/403,143 **31 Mar/mar 2003** US (31.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • **CROSSLINKING COMPOSITION**  
• **COMPOSITION DE RETICULATION**
- (71) **CYTEC TECHNOLOGY CORP.** [US/US]; 300 Delaware Avenue, Wilmington, DE 19801 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIN, Lon-Tang, Wilson** [US/US]; 3 Falls Lane, Bethel, CT 06801 (US). **JACOBS, William, III** [US/US]; 9 Old Lantern Drive, Bethel, CT 06801 (US).
- (74) **JUBINSKY, James, A. et al. / etc.;** Cytec Industries Inc., 1937 West Main Street, Stamford, CN 06904-0060 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **C08G 59/62, H05K 1/03, 3/46, C08G 73/06, C08L 79/00, B32B 27/34, 15/08**  
(11) **WO 2004/094499** (13) A1  
(21) PCT/JP2004/005227  
(22) **12 Apr/avr 2004 (12.04.2004)**  
(25) ja (26) ja  
(30) 2003-114913 **18 Apr/avr 2003** JP (18.04.2003)  
(30) 2003-204040 **30 Jul/juil 2003** JP (30.07.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • **THERMOSETTING RESIN COMPOSITION, MULTILAYER BODY USING SAME, AND CIRCUIT BOARD**  
• **COMPOSITION DE RESINE THERMODURCISSABLE, CORPS MULTICOUCHE A BASE DE LADITE RESINE ET CARTE DE CIRCUITS IMPRIMES**
- (71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 5308288 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TANAKA, Shigeru** [JP/JP]; 5-5-35, Torikainishi, Settsu-shi, Osaka 5660072 (JP). **SHIMOOHSAKO, Kanji** [JP/JP]; 5-2-23, Torikainishi, Settsu-shi, Osaka 5660072 (JP). **ITOH, Takashi** [JP/JP]; 4-7-15, Oginosato, Otsu-shi, Shiga 5200246 (JP). **OKADA, Koji** [JP/JP]; 5-5-1, Torikainishi, Settsu-shi, Osaka 5660072 (JP). **MURAKAMI, Mutsuaki** [JP/JP]; 5-5-32, Torikainishi, Settsu-shi, Osaka 5660072 (JP).
- (74) **KANEKA CORPORATION;** 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi Osaka 5308288 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> C08G 59/62, C08L 63/00
- (11) WO 2004/094500 (13) A1
- (21) PCT/US2004/004374
- (22) 13 Feb/fév 2004 (13.02.2004)
- (25) en (26) en
- (30) 10/392,552 20 Mar/mar 2003 US (20.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POWDERED EPOXY COMPOSITION  
• COMPOSITION D'EPOXY POU-DREUSE
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GUILBERT, Curtis, R. [US/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). HUANG, Steven, H. [CA/US]; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) FLORCZAK, Yen, T. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> C08G 61/12
- (11) WO 2004/094501 (13) A2
- (21) PCT/US2004/012564
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 60/464,370 22 Apr/avr 2003 US (22.04.2003)
- (30) 10/669,494 24 Sep/sep 2003 US (24.09.2003)
- (30) 10/802,704 17 Mar/mar 2004 US (17.03.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • WATER DISPERSIBLE POLYTHIOPHENES MADE WITH POLYMERIC ACID COLLOIDS  
• POLYTHIOPHENES DISPERSABLES DANS L'EAU CONSTITUES DE COLLOIDES D'ACIDE POLYMERE
- (71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HSU, Che-Hsiung [US/US]; 4803 Mermaid Boulevard, Wilmington, DE 19808 (US). CAO, Yong [CN/US]; 436 Pomona Court, Goleta, CA 93117 (US). KIM, Sung-han [KR/US]; 5651 Encina Road #203, Goleta, CA 93117 (US). LECLOUX, Daniel, David [US/US]; 555 Meadow View Drive, Buellton, CA 93427 (US). LI, Huawen [US/US]; 10457 Summer View Circle, Camarillo, CA 93012 (US). MACPHERSON, Charles, Douglas [CA/US]; 5290 Overpass Road, Unit 16, Santa Barbara, CA 93111 (US). ZHANG, Chi [US/US]; 5817 Encina Road, Apartment 102, Goleta, CA 93117 (US). SKULASON, Hjalti [IS/US]; 341 Valley Dairy Road, Buellton, CA 93427 (US).
- (74) CAPRIA, Mary, Ann; E.I. Du Pont De Nemours And Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08G 69/44, C08L 77/12
- (11) WO 2004/094502 (13) A1
- (21) PCT/JP2004/005807
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) ja (26) ja
- (30) 2003-119942 24 Apr/avr 2003 JP (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • AMORPHOUS WHOLLY AROMATIC POLYESTERAMIDE AND COMPOSITION COMPRISING THE SAME  
• POLYESTERAMIDE AROMATIQUE ENTIEREMENT AMORPHE ET COMPOSITION EN COMPORTANT
- (71) POLYPLASTICS CO., LTD. [JP/JP]; 18-1, Konan 2-chome, Minato-ku, Tokyo 108-8280 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KANAKA, Keiichi [JP/JP]; c/o Polyplastics Co., Ltd., 973, Miyajima, Fuji-shi, Shizuoka, 4168533 (JP).
- (74) FURUYA, Satoshi et al. / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo, 1030007 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08G 77/26, 77/18, C08K 5/07, 5/54, C08L 83/04
- (11) WO 2004/094503 (13) A1
- (21) PCT/US2004/007873
- (22) 16 Mar/mar 2004 (16.03.2004)
- (25) en (26) en
- (30) 60/460,286 3 Apr/avr 2003 US (03.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ORGANOSILOXANE COMPOSITIONS  
• COMPOSITIONS D'ORGANOSILOXANE
- (71) DOW CORNING CORPORATION [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERGER, Andrew [US/US]; 2801 Dawn Road, Midland, MI 48642 (US). LUEDER, Timothy [US/US]; 2425 North Hope Road, Midland, MI 48642-7922 (US). SUBRAMANIAM, Nagambal [IN/US]; 2612 Abbott Road, G7, Midland, MI 48642 (US).
- (74) BROWN, Catherine, U.; Patent Department- Mail CO1232, Dow Corning Corporation, 2200 West Salzburg Road, Midland, MI 48686-0994 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> C08G 79/12, 79/00, 77/60

(11) WO 2004/094504 (13) A1

(21) PCT/GB2004/001752

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309010.7 22 Apr/avr 2003 GB (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POLYMER NETWORKS  
• RETICULATS POLYMERIQUES

(71) THE UNIVERSITY OF READING [GB/GB]; Whiteknights, Reading RG6 6AU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSANG, Shik, Chi, Edman [CN/GB]; Surface and Catalysis Research Centre, Department of Chemistry, University of Reading, Whiteknights, Reading RG6 6AH (GB). JENKINS, Peter, Michael [GB/GB]; Surface and Catalysis Research Centre, Department of Chemistry, University of Reading, Whiteknights, Reading RG6 6AH (GB).

(74) PEEL, James, P.; Barker Brettell, 10-12 Priests Bridge, London SW15 5JE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08G 83/00

(11) WO 2004/094505 (13) A1

(21) PCT/EP2004/004173

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de

(26) de

(30) 103 18 584.4 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGHLY BRANCHED POLYMERIC STABILIZERS

• STABILISANTS POLYMERES HAUTE-MENT RETICULES

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; , 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRUCHMANN, Bernd [DE/DE]; Bahnhofstr. 58, 67251 Freinsheim (DE). MALZ, Hauke [DE/DE]; Gagestr. 36, 49356 Diepholz (DE). SCHMID, Markus [DE/DE]; Traminer Weg 2, 67146 Deidesheim (DE).

(74) ISENBRUCK, Günter; Isenbruck Bösl Hörschler Wichmann Huhn, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08J

(11) WO 2004/094506 (13) A2

(21) PCT/US2004/012648

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,969 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIQUID HARDNESS AGENT FOR OPEN CELL FOAMS

• AGENT DE DURCISSEMENT LIQUIDE POUR MOUSSES A ALVEOLES OUVERTS

(71) STEPAN COMPANY [US/US]; 22 West Frontage Road, Northfield, Illinois 60093 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEILL, Paul L. [US/US]; 212 Carters Grove Court, Grayslake, Illinois 60030 (US). HERRINGTON, Ronald M. [US/US]; 2919 County Road 510, Brazoria, Texas 77422 (US). STOGIS, James E. [US/US]; 1010 N. William Street, Joliet, Illinois 60435 (US). TABOR, Rick L. [US/US]; 1507 Topp Lane, Unit B, Glenview, Illinois 60025 (US). KAPLAN, Warren A. [US/US]; 927 Tyler-ton Circle, Grayslake, Illinois 60030 (US). HILLSHAFFER, Douglas Kip [US/US]; 4223 Clausen Avenue, Western Springs, Illinois 60558 (US). HOESLY, James D.

[US/US]; 1326 Madison Drive, Buffalo Grove, Illinois 60089 (US).

(74) WHEELER, George F.; McAndrews, Held & Malloy, Ltd, 500 West Madison Street, 34th Floor, Chicago, Illinois 60661 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08J 3/14

(11) WO 2004/094507 (13) A1

(21) PCT/JP2003/015506

(22) 4 Dec/déc 2003 (04.12.2003)

(25) ja (26) ja

(30) 2003-118726 23 Apr/avr 2003 JP (23.04.2003)

(30) 2003-118727 23 Apr/avr 2003 JP (23.04.2003)

(30) 2003-118728 23 Apr/avr 2003 JP (23.04.2003)

(30) 2003-118729 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PRODUCING FINE RESIN PARTICLES AND FINE RESIN PARTICLES

• PROCEDE DE PRODUCTION DE PARTICULES FINES DE RESINE, ET PARTICULES AINSI PRODUITES

(71) SEKISUI CHEMICAL CO., LTD. [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOYOSHIMA, Katsunori [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). MAENAKA, Hiroshi [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). TADA, Toshio [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP). NISHIMURA, Yohei [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-1, Hyakuyama, Shimamotocho, Mishima-gun, Osaka 618-8589 (JP).

(74) YASUTOMI, Yasuo; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM



TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> C08J 5/00, C08L 55/02, C08J 7/06, B29C  
45/00 // C08L 55:02

(11) WO 2004/094508 (13) A1

(21) PCT/JP2003/014140

(22) 6 Nov/nov 2003 (06.11.2003)

(25) ja (26) ja

(30) 2003-117599 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOLDINGS CAPABLE OF BEING  
METAL-PLATED, THERMOPLASTIC  
RESIN COMPOSITION THEREFOR,  
METAL-PLATED MOLDINGS

• PRODUITS MOULES POUVANT RE-  
CEVOIR DES PLACAGES METAL-  
LIQUES, RESINE THERMOPLAS-  
TIQUE A CET EFFET ET PRODUITS  
MOULES PLAQUES

(71) MATSUSHITA ELECTRIC WORKS,  
LTD. [JP/JP]; 1048, Oaza-Kadoma,  
Kadoma-shi, Osaka 571-8686 (JP).

(72) YAMAMOTO, Hiroshi; c/o Matsushita  
Electric Works, Ltd., 1048, Oaza-Kadoma,  
Kadoma-shi, Osaka 571-8686 (JP). OTSU,  
Masaaki; c/o Matsushita Electric Works,  
Ltd., 1048, Oaza-Kadoma, Kadoma-shi,  
Osaka 571-8686 (JP). MIZUSHIMA, Take-  
fumi; c/o Matsushita Electric Works, Ltd.,  
1048, Oaza-Kadoma, Kadoma-shi, Osaka  
571-8686 (JP). SUZUKI, Takahide; c/o  
Matsushita Electric Works, Ltd., 1048,  
Oaza-Kadoma, Kadoma-shi, Osaka 571-8686  
(JP). HATTORI, Kazuo; c/o Matsushita  
Electric Works, Ltd., 1048, Oaza-Kadoma,  
Kadoma-shi, Osaka 571-8686 (JP).

(74) NISHIKAWA, Yoshikiyo et al. / etc.;  
Hokuto Patent Attorneys Office, Umeda-Dai-  
ichiseimei Bldg. 5F, 12-17, Umeda 1-chome,  
Kita-ku, Osaka-shi, Osaka 530-0001 (JP).

(81) CN.

(51)<sup>7</sup> C08J 5/18, B29C 43/24, 51/10, C08L  
101/16 // 3:00, B29K 1:00, B29L 7:00

(11) WO 2004/094509 (13) A1

(21) PCT/JP2004/005624

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-116393 21 Apr/avr 2003 JP  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BIODEGRADABLE SHEET AND  
PROCESS FOR PRODUCING THE  
SAME, BIODEGRADABLE MOLDED  
ARTICLE COMPRISING THE SHEET,  
AND PROCESS FOR PRODUCING THE  
SAME

• FEUILLE BIODEGRADABLE ET PRO-  
CEDE DE PRODUCTION DE LADITE  
FEUILLE, ARTICLE MOULE BIODE-  
GRADABLE COMPRENANT LADITE

FEUILLE ET PROCEDE DE FABRICA-  
TION DUDIT ARTICLE

(71, 72) HASHIMOTO, Kenji [JP/JP]; 5-10,  
Komatsudainishi 1-chome, Miyazaki-shi,  
Miyazaki, 8800954 (JP).

(74) TAMURA, Chikashi; Akasaka Misuzu  
Bldg. 4F, 4-10, Akasaka 1-chome, Minato-ku,  
Tokyo, 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C08J 5/18, G02B 5/30, C08J 7/12 // C08L  
29:00

(11) WO 2004/094510 (13) A1

(21) PCT/US2004/007907

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/403,885 31 Mar/mar 2003 US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR MAKING AN INTRIN-  
SIC POLARIZER

• PROCEDE DE FABRICATION D'UN  
POLARISEUR INTRINSEQUE

(71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3M Center, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).

(72) MACK, Jon, M.; Post Office Box 33427,  
Saint Paul, MN 55133-3427 (US). HOFF-  
MAN, Kevin, M.; Post Office Box 33427,  
Saint Paul, MN 55133-3427 (US). CAEL,  
John, J.; Post Office Box 33427, Saint Paul,  
MN 55133-3427 (US). BALICH, Jason,  
W.; Post Office Box 33427, Saint Paul, MN  
55133-3427 (US). GILLIGAN, Gregory,  
E.; Post Office Box 33427, Saint Paul, MN  
55133-3427 (US). RICHARD, James, T.;  
Post Office Box 33427, Saint Paul, MN  
55133-3427 (US).

(74) BUCKINGHAM, Stephen, W. et al. / etc.;  
Office of Intellectual Property Counsel, Post  
Office Box 33427, Saint Paul, MN 55133-  
3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> C08J 9/00

(11) WO 2004/094511 (13) A1

(21) PCT/US2004/007602

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/409,378 8 Apr/avr 2003 US  
(08.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH INTERNAL PHASE EMULSION  
FOAMS CONTAINING POLYELEC-  
TROLYTES

• MOUSSES D'EMULSIONS A PHASE  
INTERNE ELEVEE CONTENANT DES  
POLYELECTROLYTES

(71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3M Center, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).

(72) CLEAR, Susannah, C.; Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).  
PARTHASARATHY, Ranjani, V.; Post Of-  
fice Box 33427, Saint Paul, MN 55133-3427  
(US). SURA, Ravi, K.; Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).  
SOO, Philip, P.; Post Office Box 33427,  
Saint Paul, MN 55133-3427 (US).

(74) KOKKO, Kent, S. et al. / etc.; Office of In-  
tellectual Property Counsel, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> C08J 9/06

(11) WO 2004/094512 (13) A1

(21) PCT/JP2004/005797

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-116998 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONDUCTIVE FOAMED MATERIAL  
AND PROCESS FOR PRODUCING THE  
SAME• MATIERE MOUSSEE CONDUCTRICE  
ET SON PROCEDE DE PRODUCTION(71) YUKIGAYA KAGAKU KOGYO  
KABUSHIKI KAISHA [JP/JP]; No. 17-32,  
Ohomorinishi 2-chome, Ohta-ku, Tokyo  
143-0015 (JP).(72) OBATA, Kazuo; c/o Yukigaya Kagaku  
Kogyo Kabushiki Kaisha, Tsukuba Factory,  
No. 4663-1, Shimoohota, Shintone-machi,  
Inashiki-gun, Ibaraki 300-1424 (JP). TAK-  
AGI, Masaaki; c/o Yukigaya Kagaku Ko-  
gyo Kabushiki Kaisha, Osaka Branch, No.  
21-10, Higashinoda 1-chome, Miyako-  
jima-ku, Osaka-shi, Osaka 534-0024 (JP).  
MEGURO, Yoshio; c/o Yukigaya Kagaku  
Kogyo Kabushiki Kaisha, Tsukuba Factory,  
No. 4663-1, Shimoohota, Shintone-machi,  
Inashiki-gun, Ibaraki 300-1424 (JP).(74) FUJISAWA, Noriaki et al. / etc.; Kyoto  
Bldg. (Honcho douri) 3F, No. 5-11, Nihon-  
bashihoncho 3-chome, Chuo-ku, Tokyo 103-  
0023 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> C08J 11/14, 11/24

(11) WO 2004/094513 (13) A1

(21) PCT/CA2003/001421

(22) 18 Sep/sep 2003 (18.09.2003)

(25) en (26) en

(30) 2,426,253 22 Apr/avr 2003 CA  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RUBBER REDUCTION

• REDUCTION DE CAOUTCHOUC

(71, 72) HARRISON, Brian, H. [CA/CA]; 193  
Knudson Drive, Kanata, Ontario K2K 2C2  
(CA). HOOPER, Hurdon, A. [CA/CA];  
137 Carriage Hill Drive, Fredericton, New  
Brunswick E3E 1A4 (CA).(74) HARRIS, John, D. et al. / etc.; Gowling  
Lafleur Henderson LLP, 160 Elgin Street,  
Suite 2600, Ottawa, Ontario K1P 1C3 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA  
ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).(51)<sup>7</sup> C08K 3/22, H01L 21/00

(11) WO 2004/094514 (13) A1

(21) PCT/US2004/005831

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/400,021 25 Mar/mar 2003 US  
(25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FILLER COMPOSITIONS, APPARA-  
TUS, SYSTEMS AND PROCESSES• COMPOSITIONS DE REMPLISSAGE,  
DISPOSITIF, SYSTEMES ET PRO-  
CEDES(71) INTEL CORPORATION [US/US]; (a  
Delaware Corporation), 2200 Mission Col-  
lege Boulevard, Santa Clara, CA 95052 (US).(72) HE, Yi; 474 East Ranch Road, Gilbert, AZ  
85296 (US).(74) STEFFEY, Charles, E. et al. / etc.;  
SCHWEGMAN, LUNDBERG, WOESS-  
NER & KLUTH, P.A., P.O.Box 2938, Min-  
neapolis, MN 55402 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).(51)<sup>7</sup> C08K 5/00, C09D 133/06, 167/00, 167/04

(11) WO 2004/094515 (13) A1

(21) PCT/EP2004/004384

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en

(26) en

(30) 03076233.0 24 Apr/avr 2003 EP  
(24.04.2003)(30) 60/479,099 17 Jun/juin 2003 US  
(17.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COATING COMPOSITION

• COMPOSITION DE REVETEMENT

(71) AKZO NOBEL N.V. [NL/NL]; Velperweg  
76, NL-6824 AB Arnhem (NL).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) SCHELLEKENS, Johannes, Wil-  
helmus, Maria [NL/NL]; Raemdonck 8,  
NL-4661 LS Halsteren (NL). BOSMA, Mar-  
tin [NL/NL]; Koningsweg 32A, NL-6816  
TG Arnhem (NL). VAN WIJK, Freddy,  
Gerhard, Hendrikus [NL/NL]; Zutphens-  
estraatweg, 28, NL-6953 CL Dieren (NL).  
VANDEVOORDE, Paul, Marie [BE/BE];  
Kloosterstraat 57, B-2910 Essen (BE).(74) SCHALKWIJK, Pieter, Cornelis; Akzo  
Nobel N.V., Intellectual Property Department  
(Dept. AIP), P.O. Box 9300, NL-6800 SB  
Arnhem (NL).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> C08K 5/098

(11) WO 2004/094516 (13) A1

(21) PCT/NO2004/000114

(22) 23 Apr/avr 2004 (23.04.2004)

(25) no (26) en

(30) 20031820 23 Apr/avr 2003 NO  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ADDITIVE FOR THERMOPLASTICS,  
USE OF AND METHOD FOR ITS MAN-  
UFACTURE, METHOD FOR THE MAN-  
UFACTURE OF A THERMOPLASTIC  
CONTAINING SUCH ADDITIVE AND  
THERMOPLASTIC SO MANUFAC-  
TURED• ADDITIFS POUR RESINES THER-  
MOPLASTIQUES, UTILISATION ET  
PROCEDE DE FABRICATION DE CES  
DERNIERS, PROCEDE DE FABRICA-  
TION D'UNE RESINE THERMOPLAS-  
TIQUE CONTENANT LEDIT ADDITIF  
ET RESINE THERMOPLASTIQUE FA-  
BRIQUEE SELON CE PROCEDE(71) NOR-X INDUSTRY AS [NO/NO]; N-6082  
Gursken (NO).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) MÄNNLE, Ferdinand [NO/NO]; Fjord-  
veien 13, N-0139 Oslo (NO). BEYLICH,

Jest [NO/NO]; Treschowgate 17B, N-0470 Oslo (NO). LECERF, NICOLAS [NO/NO]; Dalsveien 66B, N-0775 Oslo (NO). OLAFSEN, Kjell [NO/NO]; Frysiveien 5, N-0883 OSLO (NO). HAUGE, Roger [NO/NO]; Vaagen, N-6082 Gursken (NO). RÖDSETH, Kaare Roger [NO/NO]; Gurskebotn, N-6082 Gursken (NO). KLEPPE, Emil Arne [NO/NO]; Saetre, N-6082 Gursken (NO).

(74) CURO AS; Box 38, N-7231 LUNDAMO (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C08K 5/12, 5/00, C08J 9/00

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(21) PCT/US2004/011842

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/420,123 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLAME RETARDED STYRENIC POLYMER FOAMS

• MOUSSES A BASE DE POLYMERE DE STYRENE IGNIFUGES

(71) ALBEMARLE CORPORATION [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1765 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RANKEN, Paul, F. [US/US]; 535 Highland Oaks Drive, Baton Rouge, LA 70810 (US). GOOSSENS, Danielle, F. [BE/BE]; Rue des Acaouis 15, B-1320 Nodebais (BE). MACK, Arthur, G. [GB/US]; 37234 Lakeshore Avenue, Prairieville, LA 70769 (US). FASBINDER, Dominique [BE/BE]; Rue de Foncourt No.4, B-4260 Braives (BE).

(74) HOEFLING, Marcy, M. et al. / etc.; Albemarle Corporation, Law Department, 451 Florida Street, Baton Rouge, LA 70801-1765 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US2004/007027

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 60/460,285 3 Apr/avr 2003 US (03.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POLYCARBONATE CONTAINING AN AROMATIC SULFONAMIDE AS AN IGNITION DEPRESSANT

• POLYCARBONATE CONTENANT UN SULFONAMIDE AROMATIQUE COMME INHIBITEUR D'INFLAMMATION

(71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).

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(72, 75) OGOE, Samuel, A. [US/US]; 2626 Turning Row Lane, Missouri City, TX 77459 (US).

(74) CHRISTY, Robert, M.; The Dow Chemical Company, Intellectual Property Section, P.O. Box 1967, Midland, MI 48674-1967 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08K 5/521, C08J 9/00, C08L 75/04

(11) WO 2004/094519 (13) A1

(21) PCT/GB2004/001686

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0309168.3 23 Apr/avr 2003 GB (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLAME-RETARDANT FORMULATION

• FORMULATION IGNIFUGE

(71) ALBEMARLE CHEMICALS UK LIMITED [GB/GB]; Fleetway House, 25 Farringdon Street, London EC4A 4AB (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PATEL, Kiran [GB/GB]; Albemarle Co., 111 Hagley Road, Birmingham B16 8LB (GB).

(74) BARKER, Brettell; 138 Hagley Road, Edgbaston, Birmingham B16 9PW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003-120616 24 Apr/avr 2003 JP (24.04.2003)

(30) 60/467,156 2 May/mai 2003 US (02.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RESIN CRYSTALLIZATION PROMOTER AND RESIN COMPOSITION

• PROMOTEUR DE CRISTALLISATION DE RESINE ET COMPOSITION DE RESINE

(71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).

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(72, 75) TAKAHASHI, Tatsuhiro [JP/JP]; c/o Yamagata University, Graduate School of, Venture Business Laboratory, 4-3-16 Jonan, Yonezawa-shi, Yamagata 992-8510 (JP). MORITA, Toshio [JP/JP]; c/o Corporate R & D Center, Showa Denko K.K., 5-1, Okawacho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0858 (JP).

(74) OHIE, Kunihisa; Ohie Patent Office, Selva-Ningyocho 6F, 14-6, Nihonbashi-Ningyocho 2-chome, Chuo-ku, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C08K 7/06, 7/24, C08L 69/00, 25/06

(11) WO 2004/094521 (13) A1

(21) PCT/JP2004/005898

- (22) **23 Apr/avr 2004 (23.04.2004)**  
 (25) en (26) en  
 (30) 2003-120617 **24 Apr/avr 2003 JP (24.04.2003)**  
 (30) 60/467,155 **2 May/mai 2003 US (02.05.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • CARBON FIBER-CONTAINING RESIN DISPERSION SOLUTION AND RESIN COMPOSITE MATERIAL  
 • SOLUTION DE DISPERSION DE RESINE CONTENANT DES FIBRES DE CARBONE ET MATIERE COMPOSITE DE RESINE  
 (71) **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).  
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 (72, 75) **TAKAHASHI, Tatsuihiro** [JP/JP]; c/o Yamagata University, Graduate School of Venture Business Laboratory, 4-3-16, Jonan, Yonezawa-shi, Yamagata 992-8510 (JP). **SATO, Eiji** [JP/JP]; c/o Yamagata University, Graduate School of Venture Business Laboratory, 4-3-16, Jonan, Yonezawa-shi, Yamagata 992-8510 (JP). **MORITA, Toshio** [JP/JP]; c/o Corporate R & D Center, SHOWA DENKO K.K., 5-1, Okawacho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0858 (JP).  
 (74) **OHIE, Kunihisa**; OHIE PATENT OFFICE, Selva-Ningyocho 6F, 14-6, Nihonbashi-Ningyocho 2-chome, Chuo-ku, Tokyo 103-0013 (JP).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> C08L  
 (11) **WO 2004/094522** (13) A2  
 (21) PCT/US2004/011809  
 (22) **16 Apr/avr 2004 (16.04.2004)**  
 (25) en (26) en  
 (30) 60/463,123 **17 Apr/avr 2003 US (17.04.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • POLY ((POLYTHIOALKYL)ESTERS), THEIR APPLICATIONS AND DERIVATIVES  
 • POLY ((POLYTHIOALKYL)ESTERS), LEURS APPLICATIONS ET LEURS DERIVES  
 (71) **POLYMERIGHT, INC.** [US/US]; 4404 Enterprise Pl., Suite C, Fremont, CA 94538 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72) **RAPPOPORT, Leonid**; 122 Flynn Avenue, Suite D, Mountain View, CA 94043 (US). **YAM, Aleks**; 386 Dennis Ave., Sunnyvale, CA 94086 (US). **VAINER, Alex**; 475 Indian Hill Place, Fremont, CA 94539 (US).  
 (74) **ALBOSZTA, Marek et al. / etc.**; Lumen IPS, 2345 Yale Street, 2nd Floor, Palo Alto, CA 94306 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> C08L  
 (11) **WO 2004/094523** (13) A2  
 (21) PCT/US2004/012680  
 (22) **23 Apr/avr 2004 (23.04.2004)**  
 (25) en (26) en  
 (30) 10/421,267 **23 Apr/avr 2003 US (23.04.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • ELASTOMER COMPOSITION FOR POWER TRANSMISSION BELT TOOTH FACING  
 • COMPOSITION ELASTOMERE POUR FACE DE DENT DE COURROIE DE TRANSMISSION D'ENERGIE  
 (71) **DAYCO PRODUCTS, LLC** [US/US]; 1 Prestige Place, Miamisburg, OH 45342 (US).  
 (72) **BECK, Harold**; 7413 E. Farm Road 112, Strafford, MO 65757 (US).  
 (74) **BECKER, Robert W.**; Robert W. Becker & Associates, 707 Highway 66 East, Suite B, Tijeras, NM 87059 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> C08L  
 (11) **WO 2004/094524** (13) A2  
 (21) PCT/US2004/007568  
 (22) **12 Mar/mar 2004 (12.03.2004)**  
 (25) en (26) en  
 (30) 60/459,655 **2 Apr/avr 2003 US (02.04.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • METHOD FOR TREATING RECYCLED POLYETHYLENE TEREPHTHALATE CONTAINING MELTING CONTAMINANTS  
 • PROCEDE POUR TRAITER DU TEREPHTHALATE DE POLYETHYLENE RECYCLE CONTENANT DES CONTAMINANTS DE FUSION  
 (71) **PHOENIX TECHNOLOGIES, LP** [US/US]; 1098 Fairview Avenue, Bowling Green OH 43402 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **HAYWARD, Donald, W.** [US/US]; 4 Mattatuck Way, Waterville, OH 43566 (US). **WITHAM, Daniel, L.** [US/US]; 6317 Glenhurst Drive, Apt. #5, Maumee, OH 43537 (US).  
 (74) **FRASER, Donald, R.**; MacMillan, Sobanski & Todd, LLC, One Maritima Plaza, Fourth Floor, 720 Water Street, Toledo, OH 43604-1853 (US).  
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
 (51)<sup>7</sup> C08L 9/00, B60C 1/00, C08K 3/04, C09C 1/48  
 (11) **WO 2004/094525** (13) A1  
 (21) PCT/JP2004/005563  
 (22) **19 Apr/avr 2004 (19.04.2004)**  
 (25) ja (26) ja  
 (30) 2003-117078 **22 Apr/avr 2003 JP (22.04.2003)**  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • RUBBER COMPOSITION AND TIRE USING THE SAME  
 • COMPOSITION DE CAOUTCHOUC ET PNEUMATIQUE DANS LEQUEL ELLE EST UTILISEE  
 (71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
 (72, 75) **NAKAYAMA, Atsushi** [JP/JP]; c/o BRIDGESTONE CORPORATION Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP). **YAMADA, Hiroshi** [JP/JP]; c/o BRIDGESTONE CORPORATION Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 187-8531 (JP).  
 (74) **SUGIMURA, Kosaku**; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08L 23/06, 23/12, 23/16, C08J 9/12, 9/00  
(11) WO 2004/094526 (13) A1  
(21) PCT/CA2003/000591  
(22) 24 Apr/avr 2003 (24.04.2003)  
(25) en (26) en  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • LOW LOSS FOAM COMPOSITION AND CABLE HAVING LOW LOSS FOAM LAYER  
• COMPOSITION DE MOUSSE A FAIBLE PERTE ET CABLE DOTE D'UNE COUCHE DE MOUSSE A FAIBLE PERTE
- (71) NATIONAL RESEARCH COUNCIL OF CANADA [CA/CA]; 1200 Montreal Road, Ottawa, Ontario K1A 0R6 (CA).  
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- (72, 75) CHAMPAGNE, Michel, F. [CA/CA]; 221 Des Champs, St-Thomas d'Aquin, Quebec J0H 2H0 (CA). GENDRON, Richard [CA/CA]; 17, de Montmagny, Boucherville, Quebec J4B 4H3 (CA). VACHON, Caroline [CA/CA]; 1940, Fred-Barry, Laval, Quebec H7S 1T9 (CA). CHOPRA, Vijay, K. [US/US]; 100 S. Old Creek Road, Palos Park, IL 60464 (US). NUDD, Hugh, R. [US/US]; 8268 Brookhaven Drive, Frankfort, IL 60423 (US). RAMPALLI, Sitaram [US/US]; 14441 Valleyview Drive, Orland Park, IL 60467 (US).
- (74) MARSMAN, Kathleen, E. et al. / etc.; Borden Ladner Gervais LLP, World Exchange Plaza, 100 Queen Street, Suite 1100, Ottawa, Ontario K1P 1J9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08L 27/12, C08K 5/00, C09K 3/10  
(11) WO 2004/094527 (13) A1  
(21) PCT/JP2004/005688
- (22) 21 Apr/avr 2004 (21.04.2004)  
(25) ja (26) ja  
(30) 2003-117520 22 Apr/avr 2003 JP (22.04.2003)  
(30) 2003-381323 11 Nov/nov 2003 JP (11.11.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • FLUORINE-CONTAINING ELASTOMER COMPOSITION WITH EXCELLENT PLASMA-AGING PREVENTION EFFECT AND SHAPED ARTICLE MADE THEREOF  
• COMPOSITION FLUOREE A BASE D'ELASTOMERE POSSEDANT UNE EXCELLENTE ACTION DE PREVENTION DU VIEILLISSEMENT DU PLASMA, ET ARTICLE FAÇONNE REALISE A PARTIR DE CETTE COMPOSITION
- (71) DAIKIN INDUSTRIES LTD. [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-Nishi 2-chome, Kita-ku, Osaka-shi, Osaka 5308323 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TANAKA, Hiroyuki [JP/JP]; c/o Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585 (JP). FUKUYAMA, Kouji [JP/JP]; c/o Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585 (JP). NOGUCHI, Tsuyoshi [JP/JP]; c/o Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 5668585 (JP).
- (74) ASAHINA, Sohta et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 5400012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C08L 27/18, C08K 7/06, C09K 3/10, F16J 15/32  
(11) WO 2004/094528 (13) A1  
(21) PCT/JP2004/005018  
(22) 7 Apr/avr 2004 (07.04.2004)  
(25) ja (26) ja  
(30) 2003-118209 23 Apr/avr 2003 JP (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POLYTETRAFLUOROETHYLENE RESIN COMPOSITION  
• COMPOSITION DE RESINE POLYTE-TRAFLUOROETHYLENE
- (71) NOK CORPORATION [JP/JP]; 12-15, Shibadai-mon 1-chome, Minato-ku, Tokyo, 1058585 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) UMEHARA, Toshihiko [JP/JP]; c/o NOK Corporation 30, Miyado, Nihonmatsu-shi, Fukushima, 9640811 (JP).
- (74) YOSHIDA, Toshio et al. / etc.; YOSHIDA PATENT OFFICE No.202, Hillside Ebisu Bldg., 21-11, Ebisuminami 1-chome, Shibuya-ku, Tokyo, 1500022 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C08L 33/06, C08K 3/22, C09J 9/00, 11/04, 133/06, H01L 23/373  
(11) WO 2004/094529 (13) A1  
(21) PCT/US2004/008522  
(22) 19 Mar/mar 2004 (19.03.2004)  
(25) en (26) en  
(30) 2003-111743 16 Apr/avr 2003 JP (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ACRYLIC-BASED THERMALLY CONDUCTIVE COMPOSITION AND THERMALLY CONDUCTIVE SHEET  
• COMPOSITION THERMOCONDUCTRICE A BASE D'ACRYLIQUE ET FEUILLE THERMOCONDUCTRICE
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIROSHIGE, Yuji [JP/JP]; 8-8, Minami-Hashimoto 3-chome, Sagami-hara-city, Kanagawa 229-1185 (JP). YAMAZAKI, Yoshinao [JP/JP]; 8-8, Minami-Hashimoto 3-chome, Sagami-hara-city, Kanagawa 229-1185 (JP).
- (74) HARTS, Dean M., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C08L 71/12, 23/00, C08K 5/17, 5/37,  
C08L 25/00

(11) WO 2004/094530 (13) A1

(21) PCT/US2004/009980

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/420,974 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITION AND METHOD FOR  
IMPROVING THE SURFACE ADHE-  
SION OF RESIN COMPOSITIONS TO  
POLYURETHANE FOAM

• COMPOSITION ET PROCEDE DES-  
TINES A AMELIORER L'ADHESION  
EN SURFACE DE COMPOSITIONS DE  
RESINE A DE LA MOUSSE DE POLY-  
URETHANE

(71) GENERAL ELECTRIC COMPANY  
[US/US]; (a New York Corporation), 1 River  
Road, Schenectady, NY 12345 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KANNAN, Ganesh [IN/IN]; 202, Vic-  
torian Willows, Airport Road, Bangalore  
560017 (IN). MHETAR, Vijay, Ramchan-  
dra [IN/US]; 7 Eastmount Dr. #222, Slinger-  
lands, NY 12159 (US). DENNISTON, Mark  
[US/US]; P.O. Box 221, Altamont, NY 12009  
(US). LEWIS, Mark [US/US]; 111 Stippa  
Road, Cossackie, NY 12051 (US).

(74) WINTER, Catherine, J. et al. / etc.; Patent  
Counsel, General Electric Company, 3135  
Easton Turnpike (W3C), Fairfield, CT 06828  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> C08L 83/16, C09D 183/16

(11) WO 2004/094531 (13) A1

(21) PCT/EP2004/003754

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 18 234.9 22 Apr/avr 2003 DE  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • USE OF POLYSILAZANE FOR THE  
PRODUCTION OF HYDROPHOBI-  
CALLY AND OLEOPHOBICALLY  
MODIFIED SURFACES

• UTILISATION DE POLYSILAZANE  
DANS LA PRODUCTION DE SUR-  
FACES RENDUES HYDROPHOBES ET  
OLEOPHOBES

(71) CLARIANT GMBH [DE/DE]; Brün-  
ingstrasse 50, 65929 Frankfurt am Main  
(DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) FALK, Uwe [DE/DE]; Lönsstrasse 8,  
63486 Bruchköbel (DE). AHRENS, Hen-  
drik [DE/DE]; Neu-Zeilsheim 89, 65931  
Frankfurt am Main (DE).

(74) MIKULECKY, Klaus; Clariant Service  
GmbH, Patente, Marken, Lizenzen, Am  
Unisys-Park 1, 65843 Sulzbach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C09B 67/00

(11) WO 2004/094532 (13) A1

(21) PCT/EP2004/050515

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 03405280.3 22 Apr/avr 2003 EP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PIGMENT/DYE MIXTURES

• MÉLANGES DE PIGMENTS/COLO-  
RANTS

(71) CIBA SPECIALTY CHEMICALS  
HOLDING INC. [CH/CH]; Klybeckstrasse  
141, CH-4057 Basel (CH).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LUTTRINGER, Jean Pierre [FR/FR];  
Rue du Jura 6, F-68170 Rixheim (FR).  
HILDEBRAND, Rainer [DE/DE]; Tüllinger  
Strasse 60, 79539 Lörrach (DE).

(74) CIBA SPECIALTY CHEMICALS  
HOLDING INC.; Patent Department, Kly-  
beckstrasse 141, CH-4057 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C09B 67/04, 67/10, C09D 11/00

(11) WO 2004/094533 (13) A1

(21) PCT/US2004/010579

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/414,589 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MODIFIED ORGANIC COLORANTS  
AND DISPERSIONS, AND METHODS  
FOR THEIR PREPARATION

• COLORANTS ORGANIQUES MO-  
DIFIES ET DISPERSIONS COR-  
RESPONDANTES, ET PROCEDES  
D'ELABORATION

(71) CABOT CORPORATION [US/US]; 2 Sea-  
port Lane, Suite 1300, Boston, MA 02210-  
2019 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) YU, Yuan [CN/US]; 3 Smokey Lane,  
Nashua, NH 03062 (US).

(74) LANDO, Michelle, B.; Cabot Corpora-  
tion, 157 Concord Road, Billerica, MA  
01821-7001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C09B 67/08, C09D 11/00

(11) WO 2004/094534 (13) A1

(21) PCT/US2004/011191

(22) 12 Apr/avr 2004 (12.04.2004)

(25) en (26) en

(30) 10/414,585 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MODIFIED ORGANIC COLORANTS AND DISPERSIONS, AND METHODS FOR THEIR PREPARATION

• COLORANTS ET DISPERSIONS ORGANIQUES MODIFIES ET LEURS METHODES DE PREPARATION

(71) CABOT CORPORATION [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAKHNOVICH, Alexander, I. [US/US]; 15 1/2 S. Chelmsford Road, Westford, MA 01886 (US).

(74) LANDO, Michelle, B.; Cabot Corporation, 157 Concord Road, Billerica, MA 01821-7001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09C

(11) WO 2004/094535 (13) A2

(21) PCT/US2004/010150

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/417,654 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STRONTIUM IRON MANGANESE BLACK PIGMENT

• PIGMENT NOIR DE STRONTIUM-FER-MANGANESE

(71) THE SHEPHERD COLOR COMPANY [US/US]; 4539 Dues Drive, Cincinnati, OH 45246 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOUMES, Joel, D. [US/US]; 6310 Erwin Marie Lane, Hamilton, OH 45011 (US).

(74) GOLDSTEIN, Steven, J. et al. / etc.; Frost Brown Todd LLP, 2200 PNC Center, 201 East Fifth Street, Cincinnati, OH 45202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09C 1/36

(11) WO 2004/094536 (13) A1

(21) PCT/US2003/037442

(22) 21 Nov/nov 2003 (21.11.2003)

(25) en (26) en

(30) 10/400,376 27 Mar/mar 2003 US  
(27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR PRODUCING TITANIUM DIOXIDE SLURRIES FROM MICRONIZER TAILS

• PROCEDE DE PRODUCTION DE SUSPENSIONS EPAISSES DE DIOXYDE DE TITANE A PARTIR DE QUEUES DE MICRONISEURS

(71) KERR-MCGEE CHEMICAL LLC [—/US]; 123 Robert S. Kerr Avenue, Oklahoma City, OK 73102 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROWNBRIDGE, Thomas, Ian [—/US]; 7140 Woodbridge Avenue, Oklahoma City, OK 73132 (US). ENGLE, Jeffrey, Austin [—/US]; 7804 N.W. 102nd Street, Oklahoma City, OK 73132 (US).

(74) MILLER, William, B.; Kerr-McGee Chemical LLC, 123 Robert S. Kerr Avenue, Oklahoma City, OK 73102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)<sup>7</sup> C09C 1/48, 1/58, C09D 11/00, 11/02, 11/16

(11) WO 2004/094537 (13) A1

(21) PCT/JP2004/005908

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-117995 23 Apr/avr 2003 JP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MODIFIED CARBON BLACK DISPERSION LIQUID AND WATER BASE INK CONTAINING THE SAME

• LIQUIDE DE DISPERSION DE NOIR DE CARBONE MODIFIE ET ENCRE AQUEUSE EN CONTENANT

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku Tokyo, 1630811 (JP). ORIENT CHEMICAL INDUSTRIES LTD [JP/JP]; 7-14, Shinmori 1-chome, Asahi-ku, Osaka-shi, Osaka, 5350022 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOMOSE, Masayuki [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano, 3928502 (JP). KANAYA, Miharu [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano, 3928502 (JP). ITOH, Sohko [JP/JP]; c/o ORIENT CHEMICAL INDUSTRIES, LTD, 7-14, Shinmori 1-chome, Asahi-ku, Osaka-shi, Osaka, 5350022 (JP). YAGYU, Tatsuya [JP/JP]; c/o ORIENT CHEMICAL INDUSTRIES, LTD, 7-14, Shinmori 1-chome, Asahi-ku, Osaka-shi, Osaka, 5350022 (JP).

(74) INABA, Yoshiyuki et al. / etc.; TMI ASSOCIATES 23rd Floor, Roppongi Hills Mori Tower, 6-10-1, Roppongi Minato-ku Tokyo, 1066123 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMP PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09D 4/06, C08G 18/67, C09D 175/16, 161/34, 183/04

(11) WO 2004/094538 (13) A1

(21) PCT/US2004/005395

(22) 23 Feb/fév 2004 (23.02.2004)

(25) en (26) en

(30) 10/420,680 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • UV-CURABLE COMPOSITIONS

• COMPOSITIONS DURCISSABLES AUX ULTRAVIOLETS

(71) ARCO CHEMICAL TECHNOLOGY L.P. [US/US]; Two Greenville Crossing, 4001 Kennett Pike, Suite 238, Greenville, Delaware 19807 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POURREAU, Daniel, B. [US/US]; 81 Devon Drive, Exton, Pennsylvania 19341 (US). PATEL, Shanti, P. [US/US]; 327 Trimble Boulevard, Brookhaven, Pennsylvania

- 19015 (US). **JUNKER, L., Joseph** [US/US]; 1850 Temple Road, Pottstown, Pennsylvania 19465 (US). **WANG, Wei** [US/US]; 3 Overlook Circle, Boothwyn, Pennsylvania 19061 (US). **HARRIS, Stephen, H.** [US/US]; 107 Soltner Drive, Kennett Square, Pennsylvania 19348 (US). **GUO, Shao-Hua** [US/US]; 316 Horizon Court, Exton, Pennsylvania 19341 (US).
- (74) **GUO, Shao-Hua** et al. / etc.; Lyondell Chemical Company, 3801 West Chester Pike, Newtown Square, PA 19073 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C09D 5/00, 7/12, B05D 7/00, B32B 33/00  
(11) WO 2004/094539 (13) A1  
(21) PCT/US2004/008146  
(22) 18 Mar/mar 2004 (18.03.2004)  
(25) en (26) en  
(30) 10/400,332 27 Mar/mar 2003 US (27.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A LAYERED SYSTEM AND METHOD FOR REDUCING A TEMPERATURE REALIZED BY A SUBSTRATE AND BY AN INTERIOR SPACE  
• SYSTEME EN COUCHES ET PROCEDE DE REDUCTION DE LA TEMPERATURE GENERE PAR UN SUBSTRAT ET PAR UN ESPACE INTERIEUR
- (71) **BASF CORPORATION** [US/US]; Patent Department, 26701 Telegraph Road, Southfield, 23 48034-2442 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **JAKOBI, Michael** [DE/DE]; Hofleite 16, 44795 44795 Bochum (DE). **HALL, Jon** [US/US]; 2950 Davison Lake, Oxford, 23 48371 (US). **LAUDENBACH, Martin** [DE/DE]; Carl-Bosch-Strasse 38, Rheinland-Pfalz D-67056, 67056 6700 Ludwigshafen (DE).
- (74) **SABOURIN, Anne, Gerry** et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, 23 48034-2442 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C09D 11/00  
(11) WO 2004/094541 (13) A1  
(21) PCT/EP2004/003771  
(22) 8 Apr/avr 2004 (08.04.2004)  
(25) de (26) de  
(30) 103 18 233.0 22 Apr/avr 2003 DE (22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • WATER-BASED COLORING AGENT PREPARATIONS FOR INKJET PRINTING  
• PREPARATIONS DE COLORANTS A BASE D'EAU POUR L'IMPRESSION A JET D'ENCRE
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)  
Declaration / Déclaration :  
(t) for all designations / pour toutes les désignations
- (51)<sup>7</sup> C09D 11/00, 11/02  
(11) WO 2004/094540 (13) A1  
(21) PCT/EP2004/003760  
(22) 8 Apr/avr 2004 (08.04.2004)  
(25) de (26) de  
(30) 103 18 235.7 22 Apr/avr 2003 DE (22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EASILY DISPERSIBLE PIGMENTS WITH FAST COLOUR INTENSITY DEVELOPMENT  
• PIGMENTS FACILEMENT SOLUBLES A FORT POUVOIR COLORANT
- (71) **CLARIANT GMBH** [DE/DE]; Brün-  
ingstrasse 50, 65929 Frankfurt am Main (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **OSTEROD, Frank** [DE/DE]; H6chster Strasse 18, 65835 Liederbach (DE). **PLÜG, Carsten** [DE/DE]; In der Grube 18, 64342 SeeheimJugenheim/Ober-Beerbach (DE). **METZ, Hans-Joachim** [DE/DE]; Jahnstrasse 36, 64285 Darmstadt (DE).
- (74) **HÜTTER, Klaus** et al. / etc.; Clariant Service GmbH, Patente, Marken, Lizenzen, Am Unisys-Park 1, 65843 Sulzbach (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C09D 11/00, B41M 7/00, 1/26  
(11) WO 2004/094542 (13) A1  
(21) PCT/US2004/007121  
(22) 9 Mar/mar 2004 (09.03.2004)  
(25) en (26) en  
(30) 10/397,699 26 Mar/mar 2003 US (26.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INKJET PRINTING METHOD  
• PROCEDE D'IMPRESSION PAR JET D'ENCRE
- (71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650-2201 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHEN, Huijuan, Diana** [CN/US]; 1240 Sagebrook Way, Webster, NY 14580 (US). **ZHENG, Shiyang** [CN/US]; 821 Lindsey Circle, Webster, NY 14580 (US). **FRAZIER, Ricky Gene** [US/US]; 24 Gardiner Avenue, Rochester, NY 14611 (US).
- (74) **EASTMAN KODAK COMPANY**; 343 State Street, Rochester, NY 14650-2201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ



DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(t) for all designations / pour toutes les  
designations

(51)<sup>7</sup> C09D 11/00, C08F 26/00

(11) WO 2004/094543 (13) A1

(21) PCT/US2004/007157

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 10/397,706 26 Mar/mar 2003 US  
(26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INKJET INK COMPOSITION AND  
INK/RECEIVER COMBINATION  
• COMPOSITION D'ENCRE A JET  
D'ENCRE ET COMBINAISON  
ENCRE/RECEPTEUR

(71) EASTMAN KODAK COMPANY  
[US/US]; 343 State Street, Rochester, NY  
14650-2201 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ZHENG, Shiyong [CN/US]; 821 Lind-  
sey Circle, Webster, NY 14580 (US). CHEN,  
Huijuan, Diana [CN/US]; 1240 Sagebrook  
Way, Webster, NY 14580 (US). FRAZIER,  
Ricky, Gene [US/US]; 24 Gardiner Avenue,  
Rochester, NY 14611 (US).

(74) EASTMAN KODAK COMPANY; 343  
State Street, Rochester, NY 14650-2201  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

**Declarations / Déclarations :**

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
designations

(51)<sup>7</sup> C09D 101/28, A22C 13/00

(11) WO 2004/094544 (13) A1

(21) PCT/US2004/007197

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/407,738 4 Apr/avr 2003 US  
(04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CAMEL COATED FOOD CASING  
AND METHOD OF MANUFACTURE  
• EMBALLAGE ALIMENTAIRE RE-  
VETU DE CAMEL ET SON PRO-  
CEDE DE FABRICATION

(71) TEEPAK PROPERTIES, LLC [US/US];  
1011 Warrenville Road, Suite 255, Lisle, IL  
60532-0910 (US).

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les États désignés sauf US)

(72, 75) APPLEBY, Douglas, E. [US/US]; 404  
East Winter Avenue, Danville, IL 61838 (US).

(74) MUSSELMAN, Weston, P., Jr.; Fish &  
Richardson P.C., 5000 Bank One Center,  
1717 Main street, Dallas, TX 75201-4605  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C09D 133/14, 161/20, 5/00, B05D 7/14,  
7/24, B60D 3/00

(11) WO 2004/094545 (13) A1

(21) PCT/JP2004/005850

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-119296 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • THERMOSETTING LIQUID COAT-  
ING COMPOSITION FOR ALUMINUM  
WHEEL AND METHOD OF COATING  
ALUMINUM WHEEL

• COMPOSITION DE REVETEMENT  
LIQUIDE THERMODURCISSABLE

POUR JANTE EN ALUMINIUM, ET  
PROCEDE POUR LE REVETEMENT  
DE JANTE EN ALUMINIUM

(71) KANSAI PAINT CO. LTD. [JP/JP];  
33-1, Kanzaki-cho, Amagasaki-shi, Hyogo  
6618555 (JP).

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les États désignés sauf US)

(72, 75) KATO, Atsuya [JP/JP]; c/o KANSAI  
PAINT CO., LTD., 17-1, Higashiyawata  
4-chome, Hiratsuka-shi, Kanagawa 2540016  
(JP). OHKOSHI, Toshio [JP/JP]; c/o KAN-  
SAI PAINT CO., LTD., 17-1, Higashiyawata  
4-chome, Hiratsuka-shi, Kanagawa 2540016  
(JP). TAKEDA, Hiroki [JP/JP]; c/o KAN-  
SAI PAINT CO., LTD., 17-1, Higashiyawata  
4-chome, Hiratsuka-shi, Kanagawa 2540016  
(JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK  
Building, 1-7-1, Doshomachi, Chuo-ku, Os-  
aka-shi, Osaka 5410045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C09D 167/08, C08G 63/60, 63/48

(11) WO 2004/094546 (13) A1

(21) PCT/EP2004/004115

(22) 19 Apr/avr 2004 (19.04.2004)

(25) de (26) de

(30) 03009114.4 21 Apr/avr 2003 EP  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ALKYD RESIN EMULSIONS FOR  
COATING VARNISHES  
• EMULSIONS DE RESINES ALKYDES  
POUR DES VERNIS DE FINITION

(71) SURFACE SPECIALTIES AUSTRIA  
GMBH [AT/AT]; Bundesstrasse 175, A-8402  
Werndorf (AT).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) URBANO, Edmund [AT/AT];  
Tannhofweg 12/19, A-8044 Graz (AT).  
GOBEK, Michael [AT/AT]; Dr. Robert  
Sieger-Strasse 17/3, A-8010 Graz (AT).  
FERK, Oliver [AT/AT]; Josef-Stein-  
berger-Weg 11, A-8054 Graz (AT).

(74) DECKERS, Hellmuth, Alexander; Bahn-  
hofstrasse 26 A, 55218 Ingelheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C09G 1/02, C09K 3/14, H01L 21/321, 21/768

(11) WO 2004/094547 (13) A2

(21) PCT/US2004/012133

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/419,580 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COATED METAL OXIDE PARTICLES FOR CMP

• PARTICULES D'OXYDE METALLIQUE ENROBÉES POUR POLISSAGE CHIMIQUE-MECANIQUE

(71) CABOT MICROELECTRONICS CORPORATION [US/US]; 870 North Commons Drive, Aurora, IL 60504 (US).

(72) SUN, Fred, F.; c/o Legal Department, Cabot Microelectronics Corp., 870 North Commons Drive, Aurora, IL 60504 (US). LU, Bin; c/o Legal Department, Cabot Microelectronics Corp., 870 North Commons Drive, Aurora, IL 60504 (US). LIGHTLE, Ethan, K.; c/o Legal Department, Cabot Microelectronics Corp., 870 North Commons Drive, Aurora, IL 60504 (US). WANG, Shumin; c/o Legal Department, Cabot Microelectronics Corp., 870 North Commons Drive, Aurora, IL 60504 (US).

(74) TURNER-BRIM, Phyllis, T.; Cabot Microelectronics Corporation, Intellectual Property, 870 North Commons Drive, Aurora, IL 60504 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)<sup>7</sup> C09J

(11) WO 2004/094548 (13) A2

(21) PCT/US2004/012408

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,021 23 Apr/avr 2003 US (23.04.2003)

(30) 10/670,990 25 Sep/sep 2003 US (25.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ADHESIVE OF A SILICON AND SILICA COMPOSITE PARTICULARLY USEFUL FOR JOINING SILICON PARTS

• ADHESIF D'UN COMPOSE DE SILICIUM ET DE SILICE PARTICULIEREMENT UTILE POUR JOINDRE DES PIÈCES DE SILICIUM

(71) INTEGRATED MATERIALS, INC. [US/US]; 737 E. Brokaw Road, San Jose, CA 95112 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOYLE, James, E. [US/US]; 19312 Newhouse Court, Saratoga, CA 95070 (US). ZEHAVI, Raanan [US/US]; 1677 Kitchener Drive, Sunnyvale, CA 94087 (US). CHALZEL, Amnon [US/US]; 565 North Britton Avenue, Sunnyvale, CA 94085 (US).

(74) GUENZER, Charles, S.; Law Offices of Charles Guenzler, 2211 Park Boulevard, P.O. Box 60729, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C09J 7/00, 7/02, 133/06, 201/02, 201/08

(11) WO 2004/094549 (13) A1

(21) PCT/US2004/007945

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/411,933 11 Apr/avr 2003 US (11.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ADHESIVE BLENDS, ARTICLES, AND METHODS

• MELANGES ADHESIFS, ARTICLES ET PROCÉDES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(72) XIA, Jianhui; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). LU, Ying-Yuh; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). ZHOU, Zhiming; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) LAMBERT, Nancy, M. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les designations

(51)<sup>7</sup> C09J 7/02, 109/02, C08L 21/00, 61/04

(11) WO 2004/094550 (13) A1

(21) PCT/US2004/008523

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/462,135 10 Apr/avr 2003 US (10.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HEAT-ACTIVATABLE ADHESIVE  
• ADHESIF THERMOCOLLANT

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(72, 75) JANNIC, Patrice, [FR/FR]; 11, Rue Baudin, F-92500 Rueil-Malmaison (FR).

(74) HARTS, Dean M., et al. / etc.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> C09J 175/04
- (11) WO 2004/094551 (13) A2
- (21) PCT/US2004/008455
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/400,615 26 Mar/mar 2003 US (26.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • REACTIVE HOT MELT ADHESIVE WITH VISIBLE DYE
- ADHESIF THERMOFUSIBLE AVEC COLORANT VISIBLE
- (71) NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION [US/US]; P.O. Box 7663, Wilmington, DE 19803-7663 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) WANG, Yongxia; 207B Rutgers Road, Piscataway, NJ 08854 (US). NIKOLIC, Nikola, A.; 221 Washington Road, Princeton, NJ 08540 (US). MILLS, Justin, O.; 30 Cumberland Avenue, Trenton, NJ 08618 (US).
- (74) ALMER, Charles, W. et al. / etc.; National Starch and Chemical, 10 FINDERNE AVENUE, BRIDGEWATER, NJ 08807 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C09J 175/08, C08G 18/76, 18/12, 18/66
- (11) WO 2004/094552 (13) A1
- (21) PCT/US2004/008456
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/408,141 4 Apr/avr 2003 US (04.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • REACTIVE HOT MELT ADHESIVE WITH IMPROVED HYDROLYSIS RESISTANCE
- ADHESIF THERMOFUSIBLE REACTIF AVEC RESISTANCE ACCRUE A L'HYDROLYSE
- (71) NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION [US/US]; P.O. Box 7663, Wilmington, DE 19803-7663 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) HUNG, Ju-Ming [US/US]; 1358 Knox Drive, Yardley, PA 19067 (US). CHU, Wayne, K. [US/US]; 38 Battalion Drive,

- Basking Ridge, NJ 07920 (US). ZHANG, Yue, S. [CN/US]; 166 Grantham Drive, Somerset, NJ 08873 (US). COLE, Ingrid [US/US]; 28 Aberdeen Circle, Flemington, NJ 08822 (US).
- (74) ALMER, Charles, W. et al. / etc.; National Starch and Chemical, 10 FINDERNE AVENUE, BRIDGEWATER, NJ 08807 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> C09K
- (11) WO 2004/094553 (13) A2
- (21) PCT/US2004/011160
- (22) 12 Apr/avr 2004 (12.04.2004)
- (25) en (26) en
- (30) 60/463,545 17 Apr/avr 2003 US (17.04.2003)
- (30) 10/762,641 22 Jan/jan 2004 US (22.01.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MULTIFUNCTIONAL DEVICE FOR SUPPORTING A CONTAINER LID
- DISPOSITIF MULTIFONCTIONNEL DESTINE A SUPPORTER UN COUVERCLE DE CONTENEUR
- (71, 72) SMITH, Ronald, Brian [US/US]; 1575 N. Coats Road, Oxford, MI 48371 (US). NETT, Daniel [US/US]; N102W17658 Stoneridge Drive, Germantown, 53022 (US).
- (74) BUNTING, Beverly, M. et al. / etc.; Gifford, Krass, Groh, Sprinkle, Anderson & Citkows, ki, P.C., 280 N. Old Woodward Ave., Ste. 400, Birmingham, MI 48009 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C09K 3/14, B24D 3/14, C04B 35/107
- (11) WO 2004/094554 (13) A1
- (21) PCT/FR2004/000927
- (22) 15 Apr/avr 2004 (15.04.2004)

- (25) fr (26) fr
- (30) 03/04820 17 Apr/avr 2003 FR (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ALUMINIUM- AND MAGNESIUM-BASED MOLTEN CERAMIC GRAINS
- GRAINS CERAMIQUES FONDUS A BASE D'ALUMINE ET DE MAGNESIE
- (71) SAINT-GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN [FR/FR]; "Les Miroirs", 18, Avenue d'Alsace, F-92400 Courbevoie (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MARLIN, Samuel [FR/FR]; -, 123, Chemin des Romarins, F-13750 Plan d'Orgon (FR).
- (74) CABINET JP COLAS; -, 37 avenue Franklin D. Roosevelt, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> C09K 3/14, C04B 35/111
- (11) WO 2004/094555 (13) A2
- (21) PCT/US2004/008858
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 10/417,590 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ABRASIVE PARTICLES, ABRASIVE ARTICLES, AND METHODS OF MAKING AND USING THE SAME
- PARTICULES ABRASIVES, ARTICLES ABRASIFS ET PROCEDE DE FABRICATION ET D'UTILISATION ASSOCIES
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) MONROE, Larry D.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (74) BIESTERVELD, Daniel D., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> C09K 7/02, E21B 43/25

(11) WO 2004/094556 (13) A1

(21) PCT/GB2004/001640

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/419,455 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS, AQUEOUS WELL TREAT-  
ING FLUIDS AND FRICTION REDUC-  
ERS THEREFOR

• PROCEDES, FLUIDES AQUEUX DE  
TRAITEMENT DE PUITES ET REDUC-  
TEURS DU FROTTEMENT CORRES-  
PONDANTS

(71) HALLIBURTON ENERGY SERVICES,  
INC. [US/US]; P.O. Box 1431, Duncan, OK  
73533 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(71) WAIN, Christopher, Paul [GB/GB]; A.A.  
Thornton & Co., 235 High Holborn, London  
WC1V 7LE (GB).

(only for / seulement pour MW)

(72, 75) KING, Karen, L. [US/US]; 2780  
South 27th Street, Duncan, OK 73533  
(US). MCMECHAN, David, E. [US/US];  
4625 Copperwood, Duncan, OK 73533 (US).  
CHATTERJI, Jiten [US/US]; 2213 Scott  
Lane, Duncan, OK 73533 (US).

(74) WAIN, Christopher, Paul et al. / etc.: A A  
Thornton & Co., 235 High Holborn, London  
WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C09K 7/02, E21B 43/27

(11) WO 2004/094557 (13) A1

(21) PCT/IB2004/001192

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/249,573 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITION AND METHOD FOR  
TREATING A SUBTERRANEAN FOR-  
MATION

• COMPOSITION ET PROCEDE PER-  
METTANT LE TRAITEMENT D'UNE  
FORMATION SOUTERRAINE

(71) SCHLUMBERGER CANADA LIMITED  
[CA/CA]; 525-3rd Avenue S.W., Calgary, Al-  
berta T2P 0G4 (CA).

(only for / seulement pour CA)

(71) SERVICES PETROLIERS SCHLUM-  
BERGER [FR/FR]; 42 Rue Saint Do-  
minique, F-75007 Paris (FR).

(only for / seulement pour FR)

(71) SCHLUMBERGER HOLDINGS LIM-  
ITED; P.O. Box 71, Craigmuir Chambers  
Road Town, Tortola, NO ZIP (VG).

(only for / seulement pour GB JP NL)

(71) SCHLUMBERGER TECHNOLOGY  
B.V. [NL/NL]; Parkstraat 83-89, NL-2514  
The Hague (NL).

(only for / seulement pour AM AT AZ BY DE  
DK HR IT KG KR KZ MD NO NZ PL RO RU  
TJ TM UA ZA)

(71) SOFITECH N.V. [BE/BE]; Rue de Stalle  
140, B-1180 Brussels (BE).

(only for / seulement pour AE AG AL AU BA  
BB BE BF BG BJ BR BW BZ CF CG CH CI  
CM CN CO CR CU CY CZ DM DZ EC EE  
EG ES FI GA GD GE GH GM GN GQ GR  
GW HU ID IE IL IN IS KE KP LC LK LR LS  
LT LU LV MA MC MG MK ML MN MR MW  
MX MZ NA NE NI OM PG PH PT SC SD SE  
SG SI SK SL SN SY SZ TD TG TN TR TT TZ  
UG UZ VC VN YU ZM ZW)

(72, 75) FRENIER, Wayne [US/US]; 19111  
Cotton Gin Drive, Katy, TX 77449 (US). ZI-  
AUDDIN, Murtaza [PK/US]; 2711 Millers  
Falls Court, Richmond, TX 77469 (US).

DAVIES, Stephen [GB/US]; 4410 Three  
Rivers Drive, Sugar Land, TX 77478 (US).  
CHANG, Frank [US/US]; 7215 Emerald  
Glen Drive, Sugar Land, TX 77479 (US).

(74) NAVA, Robin; 110 Schlumberger MD1,  
Sugar Land, TX 77478 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> C09K 11/08, 11/59, 11/64, 11/78, H01J  
11/02

(11) WO 2004/094558 (13) A1

(21) PCT/JP2004/005692

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-116874 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PHOSPHOR AND PLASMA DISPLAY  
UNIT

• LUMINOPHORE ET UNITE  
D'AFFICHAGE AU PLASMA

(71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO., LTD. [JP/JP]; 1006, Oaza  
Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) AOKI, MasakiKONDO, YumiSUG-  
IMOTO, KazuhikoSETOGUCHI, Hi-  
roshiHIBINO, JunichiTANAKA, Yoshiki-  
HOSOKAWA, Tepei

(74) IWAHASHI, Fumio et al. / etc.; c/o Mat-  
sushita Electric Industrial Co., Ltd., 1006,  
Oaza Kadoma, Kadoma-shi, Osaka 5718501  
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C09K 19/38, 19/00, G02B 5/30

(11) WO 2004/094559 (13) A1

(21) PCT/US2004/012411

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,927 22 Apr/avr 2003 US  
(22.04.2003)

(30) 10/692,601 24 Oct/oct 2003 US  
(24.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TWO-PHASE POLYMERIC MATERI-  
ALS AND METHODS FOR MAKING

• MATIERES POLYMERES A DEUX  
PHASES ET PROCEDES DE FABRICA-  
TION

(71) **OPTIVA, INC.** [US/US]; 377 Oyster Point Boulevard, #13, South San Francisco, CA 94080 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAZAREV, Pavel, I.** [US/US]; 52 Rinconada Circle, Belmont, CA 94002 (US).

(74) **TEST, Aldo, J. et al.** / etc.; **DORSEY & WHITNEY LLP**, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)<sup>7</sup> C09K 21/04, C09D 5/18, A62D 1/00

(11) WO 2004/094560 (13) A1

(21) PCT/JP2003/005160

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANTIINFLAMING FIRE EXTINGUISHING AGENT

• AGENT EXTINCTEUR IGNIFUGEANT

(71) **NAGASHIMA, Koki** [JP/JP]; 3-12-48, Shinjuku, Zushi-shi, Kanagawa 249-0007 (JP).

(71, 72) **KOMATSU, Shigetomi** [JP/JP]; 865, Juniso, Kamakura-shi, Kanagawa 248-0001 (JP).

(81) AU BR CA CN DE GB ID IN JP KR MX NO NZ RU SG US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> C10G 1/10, 1/02, C08J 11/12

(11) WO 2004/094561 (13) A1

(21) PCT/IB2004/050505

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003/3317 23 Apr/avr 2003 ZA (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEME DE REDUCTION DE PNEUS USAGES

• SYSTEME DE REDUCTION DE PNEUS USAGES

(71) **TYRE REDUCTION SERVICES (PTY) LTD** [ZA/ZA]; 36 Bouy Bend Avenue, 7441 Westbeach (ZA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DINNEMATIN, John Lindsay** [ZA/ZA]; 36 Bouy Bend Avenue, 7441 Westbeach (ZA).

(74) **GERNTHOLTZ, Richard, Otto, Paul et al.** / etc.; DR GERNTHOLTZ INC, P.O.Box 8, 8000 Cape Town (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C10G 1/10, 35/04, C10B 53/00, C08J 11/20

(11) WO 2004/094562 (13) A1

(21) PCT/RU2004/000153

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ru (26) ru

(30) 2003111988 24 Apr/avr 2003 RU (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR RECYCLING RUBBER-CONTAINING WASTES

• PROCEDE DE RECYCLAGE DE DECHETS CAOUTCHOUEUX

(71) **OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "N.T.D. TAMANNO"** [RU/RU]; 2-ya Sinichkina, 19-3, Moscow, 111020 (RU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOCHAVER, Kirill Zyskovich** [RU/RU]; ul. Krasnokazarmennaya, 3-287, Moscow, 111250 (RU).

(74) **PATENT LAW FIRM "YUS"**; a/ya 184, Moscow, 125009 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C10G 45/32, 45/40, 65/06, C07C 7/167

(11) WO 2004/094563 (13) A1

(21) PCT/US2004/005582

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 10/403,229 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR REMOVAL OF ALKYNES AND/OR DIENES FROM AN OLEFIN STREAM

• PROCEDE POUR ELIMINER DES ALKYNES ET/OU DES DIENES CONTENUS DANS UN FLUX D'OLEFINES

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; A Corporation of the State of Delaware, 5200 Bayway Drive, Baytown, TX 77520-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUECHLER, Keith, H.** [US/US]; 912 Applewood Drive, Friendswood, TX 77546 (US). **LUMGAIR, Jr., David, R.** [US/US]; 33040 Boston Road, Craddockville, VA 23341 (US).

(74) **SHER, Jaimes et al.** / etc.; ExxonMobil Chemical Company, Law TechExxonMobil Chemical Patents Inc., P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> C10G 45/64, C07C 6/12, 7/148

(11) WO 2004/094564 (13) A1

(21) PCT/US2004/009792

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/414,658 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TRANSALKYLATION OF AROMATIC  
FLUIDS

• TRANSALKYLATION DE FLUIDES  
AROMATIQUES

(71) EXXONMOBIL CHEMICAL PATENTS  
INC. [US/US]; A Corporation of the State of  
Delaware, 5200 Bayway Drive, Baytown, TX  
77520-5200 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SCHLOSBERG, Richard, H. [US/US];  
800 Amsterdam Road, Bridgewater, NJ  
08807 (US). MOZELESKI, Edmund,  
J. [US/US]; 28 Hoffman Drive, Cali-  
fornia, NJ 07830 (US). BENITEZ, Fran-  
cisco, M. [US/US]; 1618 Stone Meadows  
Lane, Houston, TX 77094 (US). SILVER-  
BERG, Steven, M. [US/US]; 1615 Fair Oaks,  
Seabrook TX 77586 (US). HELTON, Terry,  
E. [US/US]; 4060 Suncrest Lane, Bethlehem,  
PA 18020 (US).

(74) MORENO, Louis, N. et al. / etc.; ExxonMo-  
bil Chemical Company, Law Technology, P.O  
Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP

(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> C10G 65/04

(11) WO 2004/094565 (13) A1

(21) PCT/US2004/010095

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/464,710 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR PRODUCING LUBRI-  
CANT BASE OILS

• PROCEDE DE PRODUCTION  
D'HUILES DE BASE LUBRIFIANTES

(71) EXXONMOBIL RESEARCH AND EN-  
GINEERING COMPANY [US/US]; 1545  
Route 22 East, P.O. Box 900, Annandale, NJ  
08801-0900 (US).

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les États désignés sauf US)

(72) ALDOUS, Keith, K.; 191 Warm Springs  
Road, Winchester, VA 22603 (US). AN-  
GELO, Jacob, B.; 5207 Cobble Lane,  
Spring, TX 77379 (US). KENT, Christo-  
pher, J.S.; 1205 Ollerton Road, Paulsboro,  
NJ 08066 (US). GATTON, Geraldine, P.;  
Avenue de Tervuren 396, 1150 Brussels (BE).

(74) HUGHES, Gerard, J. et al. / etc.; Exxon  
Research and Engineering Company, 1545  
Route 22 East, P.O. Box 900, Annandale, NJ  
08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C10G 69/12, 65/04, 65/08

(11) WO 2004/094566 (13) A1

(21) PCT/US2004/011752

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/414,658 16 Apr/avr 2003 US  
(16.04.2003)

(30) PCT/US04/09792 1 Apr/avr 2004 US  
(01.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REDUCTION OF NAPHTHALENE  
CONTENT IN HYDROCARBON FLU-  
IDS

• REDUCTION DU CONTENU DE  
NAPHTHALENE DANS LES FLUIDES  
D'HYDROCARBURES

(71) EXXONMOBIL CHEMICAL PATENTS  
INC. [US/US]; A Corporation of the State of  
Delaware, 5200 Bayway Drive, Baytown, TX  
77520-5200 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) LUO, Shifang [US/US]; 4 Delancey  
Court, Pittsford, NY 14534 (US). MOZE-  
LESKI, Edmund, J. [US/US]; 28 Hoffman  
Drive, Califon, NJ 07830 (US). SANTI-  
ESTEBAN, Jose, G. [US/US]; 19218  
Troon Court, Baton Rouge, LA 70810 (US).  
SCHLOSBERG, Richard, H. [US/US];  
7500 Kirby Drive, Houston, TX 77030  
(US). SILVERBERG, Steven, E. [US/US];  
1615 Fair Oaks, Seabrook, TX 77586 (US).  
HELTON, Terry, E. [US/US]; 4060 Sun-  
crest Lane, Bethlehem, PA 18020 (US).  
MAZZONE, Dominick, N. [US/US]; 10 N.  
Monroe Avenue, Wenonah, NJ 08090 (US).

(74) MORENO, Louis, N. et al. / etc.; Exxon-  
Mobil Chemical Company, Law Technology,  
P.O.Box 2149, Baytown, TX 77522-2149  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C10G 70/06

(11) WO 2004/094567 (13) A1

(21) PCT/US2004/008188

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/407,727 4 Apr/avr 2003 US  
(04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS AND APPARATUS FOR RE-  
COVERING OLEFINS

• PROCEDE ET APPAREIL DE RECUPE-  
RATION D'OLEFINES

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; A Corporation of the State of Delaware, 5200 Bayway Drive, Baytown, TX 77520-2101 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DUHON, David** [US/US]; 20806 Great Laurel, Kingwood, TX 77346 (US). **ASPLIN, John, E.** [GB/SG]; 9 Nathan Road, Regency Park #15-02, Singapore 24873 (SG).

(74) **KUBENA, Linda, A.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

*(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

(51)<sup>7</sup> C10J

(11) WO 2004/094568 (13) A2

(21) PCT/US2004/012424

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,037 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PRESSURIZED COAL GASIFICATION FUEL DISTRIBUTION, FEED, AND BURNER SYSTEM

• DISTRIBUTION DE COMBUSTIBLE, ALIMENTATION ET SYSTEME DE BRULEURS POUR LA GAZEIFICATION DE CHARBON SOUS PRESSION

(71, 72) **WEAVER, Lloyd E.** [US/US]; 22 Oakhurst Island Road, Harpswell, ME 04079 (US).

(74) **BOURQUE & ASSOCIATES, P.A.;** BOURQUE, Daniel J., 835 Hanover Street, Suite 301, Manchester, NH 03104 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C10L

(11) WO 2004/094569 (13) A2

(21) PCT/US2004/006646

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/408,731 7 Apr/avr 2003 US (07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • UREA BASED COMPOSITION AND SYSTEM FOR SAME

• COMPOSITION A BASE D'UREE ET SYSTEME POUR CETTE DERNIERE

(71, 72) **AMENDOLA, Steven, C.** [US/US]; 22 Lambert Johnson Drive, Ocean, NJ 07712 (US).

(74) **GEIST, Bradley, B.;** Baker Botts, L.L.P., 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C10L 1/00, C10G 32/02

(11) WO 2004/094570 (13) A1

(21) PCT/CN2004/000391

(22) 23 Apr/avr 2004 (23.04.2004)

(25) zh (26) zh

(30) 03122967.0 23 Apr/avr 2003 CN (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A NANO-GRANULE FUEL AND ITS PREPARATION

• COMBUSTIBLE SOUS FORME DE NANOGANULES ET SA PREPARATION

(71, 72) **WANG, Wenhao** [CN/CN]; Rm. 319, Huatong Building, A. No. 19 West Chegongzhuang Street, Haidian District, Beijing 100044 (CN).

(74) **KING & WOOD PRC LAWYERS;** 31st Floor, Office Tower A, 39 Dongsanhuan Zhonglu, Chaoyang District, Beijing 100022 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C10L 1/06

(11) WO 2004/094571 (13) A1

(21) PCT/FR2003/000966

(22) 27 Mar/mar 2003 (27.03.2003)

(25) fr (26) fr

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOVEL FUEL WITH A HIGH OCTANE NUMBER AND A LOW AROMATIC CONTENT

• NOUVEAU CARBURANT A INDICE D'OCTANE ELEVE ET A TENEURS ABAISEES EN AROMATIQUES

(71) **TOTALFINAELF FRANCE** [FR/FR]; Tour Total, 24, cours Michelet, F-92800 Puteaux (FR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SEYFRIED, Luc** [FR/FR]; 480, Hameau du Présbytere, F-76110 Ecrainville (FR). **MARTY, Claude** [FR/FR]; 71, boulevard de Strasbourg, F-76600 Le Havre (FR).

(74) **CABINET JOLLY;** 54, rue de Clichy, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C10M

(11) WO 2004/094572 (13) A2

(21) PCT/US2004/008321

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/460,815 8 Apr/avr 2003 US (08.04.2003)

(30) 10/800,288 12 Mar/mar 2004 US (12.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANTI-OXIDANTS IN SOLUBLE OIL BASE FOR METAL WORKING FLUIDS  
• ANTIOXYDANTS DANS UNE BASE D'HUILE SOLUBLE POUR FLUIDES D'USINAGE DES METAUX

(71) CROMPTON CORPORATION [US/US]; Benson Road, Middlebury, CT 06749 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) COSTELLO, Michael, T.; 165 Windermere Ridge Road, Southington, CT 06489 (US).  
RIFF, Ignor; 585 Park Road, Apt. No. 8-11, Waterbury, CT 06708 (US).

(74) DILWORTH, Michael, P.; Crompton Corporation, Benson Road, Middlebury, CT 06749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C10M 111/02, 111/04, 169/04

(11) WO 2004/094573 (13) A1

(21) PCT/US2004/005073

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/407,983 4 Apr/avr 2003 US (04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF REDUCING INTAKE VALVE DEPOSITS IN A DIRECT INJECTION ENGINE

• PROCEDE PERMETTANT DE REDUIRE LES DEPOTS DANS LES SOUPAPES D'ADMISSION D'UN MOTEUR A INJECTION DIRECTE

(71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Boulevard, Wickliffe, Ohio 44092-2298 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CALDER, Raymond, M. [GB/GB]; 30 Portreath Drive, Allestree Derbyshire DE22 2RZ (GB).

(74) SHOLD, DAVID, M. et al. / etc.; 29400 Lakeland Boulevard, Wickliffe, OH 44092-2298 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C10M 139/00, 159/18, C07F 11/00

(11) WO 2004/094574 (13) A1

(21) PCT/US2004/010994

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 60/464,541 22 Apr/avr 2003 US (22.04.2003)

(30) 60/517,604 5 Nov/nov 2003 US (05.11.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ORGANOAMMONIUM TUNGSTATE AND MOLYBDATE COMPOUNDS, AND PROCESS FOR PREPARING SUCH COMPOUNDS

• COMPOSES DE TUNGSTATE ET DE MOLYBDATE D'ORGANOAMMONIUM ET LEUR PROCEDE DE PREPARATION

(71) R.T. VANDERBILT COMPANY, INC. [US/US]; 30 Winfield Street, Norwalk, CT 06855 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TYNIK, Robert, J. [US/US]; 8 Jayne Way, Norwalk, CT 06851 (US).

(74) LONDA, Bruce, S.; Norris McLaughlin & Marcus, PA, 220 East 42nd Street, New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C10M 163/00, C23F 11/12, 11/14, 11/16, 11/167 // (C10M 163/00, 129:74, 135:10, 159:24) (C10M 163/00, 129:74, 135:10,

137:02, 159:08, 159:24), C10N 10:02, 10:04, 20:02, 30:00, 30:06, 30:12, 40:24

(11) WO 2004/094575 (13) A1

(21) PCT/JP2004/005916

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-118061 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITION HAVING FUNCTION AS RUST INHIBITOR AND PRESS WORKING OIL AND HIGH LUBRICATING METAL SHEET

• COMPOSITION AYANT UNE FONCTION D'INHIBITEUR DE ROUILLE ET D'HUILE DE TRAVAIL A LA PRESSE ET FEUILLE METALLIQUE A LUBRIFICATION ELEVEE

(71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku Tokyo, 1008071 (JP). IDEMITSU KOSAN CO. LTD. [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008321 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HONDA, Kazuhiko [JP/JP]; c/o NIPPON STEEL CORPORATION KIMITSU WORKS 1 Kimitsu, Kimitsu-shi Chiba, 2991141 (JP). KOMATSU, Hisayoshi [JP/JP]; c/o NIPPON STEEL CORPORATION KIMITSU WORKS 1 Kimitsu, Kimitsu-shi Chiba, 2991141 (JP). SHIBATA, Kazumi [JP/JP]; c/o NIPPON STEEL CORPORATION KIMITSU WORKS 1 Kimitsu, Kimitsu-shi Chiba, 2991141 (JP). NAGASE, Naoki [JP/JP]; 24-4, Anesakikaigan, Ichihara-shi, Chiba, 2990107 (JP). OKADA, Tahei [JP/JP]; 24-4, Anesakikaigan, Ichihara-shi, Chiba, 2990107 (JP). SHIMODA, Shukichi [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1008321 (JP).

(74) KOKUBUN, Takayoshi; Ikebukuro TG Homest Building 5th Floor, 17-8, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo, 1700013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> C10M 163/00

(11) WO 2004/094576 (13) A2

(21) PCT/US2004/010221

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/418,359 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)



- (54) • LACQUER REDUCING LUBRICATING OIL COMPOSITION AND METHOD OF USE OF SAME
- COMPOSITION D'HUILE LUBRIFIANTE REDUISANT LES DEPOTS DE VERNIS ET METHODE D'UTILISATION DE CETTE COMPOSITION
- (71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US). WELLS, Paul, Patrick [US/US]; 18 Hastings Drive, Mullica Hill, NJ 08062 (US). CAREY, Vincent, Mark [US/US]; 132 Lipizzan Road, Sewell, NJ 08080 (US). KELLY, Kevin, John [US/US]; 507 Mandarin Court, Mullica Hill, NJ 08062 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (74) BAKUN, Estelle et al. / etc.; Exxonmobil Research and Engineering Company, 1545 Route 22 East, P.O.Box 900, Anandale, NJ 08801-0900 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C10M 175/00
- (11) WO 2004/094578 (13) A1
- (21) PCT/KR2004/000889
- (22) 17 Apr/avr 2004 (17.04.2004)
- (25) en (26) en
- (30) 10-2003-0025066 21 Apr/avr 2003 KR (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • APPARATUS FOR PURIFYING WASTE LUBRICANT AND METHOD OF PURIFYING WASTE LUBRICANT USING THE SAME
- APPAREIL DE PURIFICATION DE LUBRIFIANT USE ET PROCEDE DE PURIFICATION DE LUBRIFIANT USE L'UTILISANT
- (71) KOREA INSTITUTE OF MACHINERY AND MATERIALS [KR/KR]; 171 Jang-Dong, Yosung-Gu, Daejeon 305-343 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JEONG, Sang Hyun [KR/KR]; 113-1304 Hanbit Apartment, Eoeun-Dong, Yuseong-Gu, Daejeon 305-755 (KR). PARK, Seong Je [KR/KR]; 105-701 Gangbyun Apartment, Mannyeon-Dong, Seo-Gu, Daejeon 302-714 (KR). HONG, Won Seok [KR/KR]; 1-803 Jayeon Apartment, Gung-Dong, Yusong-Gu, Daejeon 305-355 (KR). KIM, Yong Jin [KR/KR]; 403-504 EXPO Apartment, Jeonmin-Dong, Yeseong-Gu, Daejeon 305-762 (KR). KOO, Kyung Hoe [KR/KR]; 101-204 Green Park Apartment, Seobinggo-Dong, Yongsan-Gu, Seoul 140-240 (KR).
- (74) SONG, Yoon Ki; 2th Floor, Gumha Bldg., 645-5, Yeoksam-Dong, Gangnam-Gu, Seoul 135-910 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C10M 165/00, 169/04, 141/06, 141/10, 141/08, C07C 215/50
- (11) WO 2004/094577 (13) A1
- (21) PCT/US2004/004626
- (22) 17 Feb/fév 2004 (17.02.2004)
- (25) en (26) en
- (30) 10/407,741 4 Apr/avr 2003 US (04.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DI-SECONDARY ALKYL HINDERED PHENOL ANTIOXIDANTS
- ANTIOXYDANTS DE PHENOL ENTRAVE PAR UN ALKYLE BI-SECONDAIRE
- (71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Blvd., Wickliffe, OH 44092-2298 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FRIEND, Christopher, L. [GB/GB]; 37 Plantation Side, Millpond Gardens, Nottinghamshire NG7 5NR (GB). BARR, Douglas, M. [GB/GB]; 14 Cemetery Road, Belper, Derbyshire DE56 1EJ (GB). ADAMSCZEWSKA, Jolanta, Z. [GB/GB]; 18 Breedon Hill Road, Derby, Derbyshire DE23 6TG (GB).
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> C11D 3/18, 3/20, 1/72
- (11) WO 2004/094579 (13) A1
- (21) PCT/US2004/003837
- (22) 11 Feb/fév 2004 (11.02.2004)
- (25) en (26) en
- (30) 10/391,639 19 Mar/mar 2003 US (19.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CLEANING CONCENTRATE
- CONCENTRE DE NETTOYAGE
- (71) ECOLAB INC. [US/US]; 370 North Wabasha Street, St. Paul, MN 55102 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GRIESE, Greg [US/US]; 734 Gherty Lane, Hudson, WI 54016 (US). LEVITT, Mark [US/US]; 429 Front Avenue, St. Paul, MN 55117 (US).
- (74) SORENSEN, Andrew; Ecolab Inc., 840 Sibley Memorial Highway, Mendota Heights, MN 55118 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
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- (51)<sup>7</sup> C11D 3/50, 17/04
- (11) WO 2004/094580 (13) A2
- (21) PCT/US2004/012007
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 10/418,595 17 Apr/avr 2003 US (17.04.2003)
- (30) 10/697,735 29 Oct/oct 2003 US (29.10.2003)
- (30) 10/697,736 29 Oct/oct 2003 US (29.10.2003)
- (30) 10/697,734 29 Oct/oct 2003 US (29.10.2003)
- (30) 10/697,685 29 Oct/oct 2003 US (29.10.2003)
- (30) 10/762,152 21 Jan/jan 2004 US (21.01.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)

(54) • VOLATILE MATERIAL DELIVERY METHOD

• PROCEDE D'APPORT D'UNE MATIERE VOLATILE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUVAL, Dean, Larry [US/US]; 365 Chadwick Court, Lebanon, OH 45036 (US). ORR, Michael, Joseph [US/US]; 7717 Whitehall West Circle, Cincinnati, OH 45069 (US). TRUJILLO, Rafael [MX/US]; 5682 Glen Brook Court, Mason, OH 45040 (US). TROESTER, Angela, Renee [US/US]; 6288 Edgewater Drive, Mason, OH 45040 (US).

(74) THE PROCTER & GAMBLE COMPANY; 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C11D 11/00, 7/26, 7/28, 7/32, 7/08, H01L 21/00, G03F 7/42

(11) WO 2004/094581 (13) A1

(21) PCT/US2004/012048

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,739 18 Apr/avr 2003 US (18.04.2003)

(30) 60/464,125 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AQUEOUS FLUORIDE COMPOSITIONS FOR CLEANING SEMICONDUCTOR DEVICES

• COMPOSITIONS DE FLUORURE AQUEUSES POUR LE NETTOYAGE DE DISPOSITIFS A SEMI-CONDUCTEURS

(71) EKC TECHNOLOGY, INC. [US/US]; 2520 Barrington Court, Hayward, CA 94545 (US). EKC TECHNOLOGY KABUSHIKI KAISHA [JP/JP]; KSP R & D D 342-3-2-1 Sakado, Takatsu-ku, Kawasaki, Kanagawa, 213-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRASAWA, Satomi [JP/JP]; KSP R & D D 342 3-2-1 Sakado, Takatsu-ku, Kawasaki, Kanagawa, 213-0012 (JP). SUZUKI, Tomoko [JP/JP]; 8-33-18, Seijo, Setagaya-ku, Tokyo, 157-0066 (JP). HIRAGA, Toshitaka [JP/JP]; 8-33-18, Seijo, Setagaya-ku, Tokyo, 157-0066 (JP).

AOYAMA, Tetsuo [JP/JP]; KSP R & D D 342 3-2-1 Sakado, Takatsu-ku, Kawasaki, Kanagawa, 213-0012 (JP).

(74) HAYDEN, Christopher, G. et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 2004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C11D 17/00, 3/12

(11) WO 2004/094582 (13) A1

(21) PCT/GB2004/001672

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308743.4 16 Apr/avr 2003 GB (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTIPLE EMULSION CLEANING COMPOSITIONS

• COMPOSITIONS DE NETTOYAGE A EMULSION MULTIPLE

(71) RECKITT BENCKISER (UK) LIMITED [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LANG, Angus [GB/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB). MCKECHNIE, Malcolm, Tom [GB/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB).

(74) DICKSON, Elizabeth, Anne et al. / etc.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C11D 17/00, 3/50, 3/37

(11) WO 2004/094583 (13) A2

(21) PCT/US2004/011802

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03252549.5 23 Apr/avr 2003 EP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A COMPOSITION COMPRISING A SURFACE DEPOSITION ENHANCING CATIONIC POLYMER

• COMPOSITION COMPRENANT UN POLYMERE CATIONIQUE FAVORISANT LE DEPOT SUPERFICIEL

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MELI, Fabrizio [IT/GB]; 6E Priors Terrace, Tynemouth, Tyne and Wear NE30 4BE (GB). CHIEFFI, Andre [BR/GB]; 46C Percy Park, Tynemouth, Tyne and Wear NE30 4JX (GB).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C12F 3/06, C11B 1/06, 13/00

(11) WO 2004/094584 (13) A1

(21) PCT/AU2004/000525

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003901939 24 Apr/avr 2003 AU (24.04.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TREATMENT OF GRAPE MARC  
• TRAITEMENT DU MARC DE RAISIN
- (71) COONAWARRA GOLD OPERATIONS PTY LTD [AU/AU]; 64 Greenhill Road, Wayville, S.A. 5034 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FLEMING, Don [AU/AU]; 64 Greenhill Road, Wayville, S.A. 5034 (AU).
- (74) MCNAMARA, Kevin; Collison & Co, 117 King William Road, Adelaide, S.A. 5000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12G
- (11) WO 2004/094585 (13) A2
- (21) PCT/US2004/008836
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 10/404,677 1 Apr/avr 2003 US (01.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND APPARATUS FOR PRODUCING A TEA BEVERAGE EMPLOYING A CONTINUOUS MIXING CHAMBER  
• PROCEDE ET APPAREIL DE PRODUCTION D'UNE BOISSON A BASE DE THE A L'AIDE D'UNE CHAMBRE DE MELANGE EN CONTINU
- (71, 72) JONES, Brian, C. [US/US]; 22 Farmington River Turnpike, New Hartford, CT 06057 (US). ROTHENBERG, Paul, John [US/US]; 800 Sylvan Avenue, Englewood Cliffs, NJ 07632 (US).
- (74) SCHINDLER, Barry, J.; Greenberg Traurig, LLP, 885 Third Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12M
- (11) WO 2004/094586 (13) A2
- (21) PCT/US2004/011796
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 60/464,010 18 Apr/avr 2003 US (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • THREE-DIMENTIONAL, FLEXIBLE CELL GROWTH SUBSTRATE AND RELATED METHODS  
• SUBSTRAT DE CROISSANCE CELLULAIRE SOUPLE TRIDIMENSIONNEL ET PROCEDES ASSOCIES
- (71) CARNEGIE MELLON UNIVERSITY [US/US]; 5000 Forbes Avenue, Pittsburgh, PA 15213 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEDUC, Philip, R. [US/US]; 5205 Teakwood Court, Pittsburgh, PA 15209 (US). KUBICEK, James, D. [US/US]; 5700 Solway Street, Pittsburgh, PA 15217 (US). BRELSFORD, Stephanie [US/US]; 995 Massachusetts Avenue, Unit 304, Arlington, MA 02476 (US).
- (74) HIRSHMAN, Jesse, A. et al. / etc.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12M 1/42, C12N 13/00
- (11) WO 2004/094587 (13) A1
- (21) PCT/JP2004/005818
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) ja (26) ja
- (30) 2003-116895 22 Apr/avr 2003 JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CELL STIMULATING DEVICE AND CELL STIMULATING METHOD  
• DISPOSITIF ET PROCEDE DE SIMULATION DE CELLULES
- (71) RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama 3510198 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OZAKI, Miwako [JP/JP]; c/o Riken, 2-1, Hirosawa, Wako-shi, Saitama 3510198 (JP). ITO, Koichi [JP/JP]; 38-1, Sakuradai 1-chome, Nerima-ku, Tokyo 1760002 (JP).
- (74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku Bldg. 8-7, Kyobashi 1-chome, Chuo-ku, Tokyo 104-0031 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) WO 2004/094588 (13) A2
- (21) PCT/US2003/012276
- (22) 19 Apr/avr 2003 (19.04.2003)
- (25) en (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POSTNATAL STEM CELLS AND USES THEREOF  
• CELLULES SOUCHES POSTNATALES ET UTILISATIONS
- (71) NATIONAL INSTITUTES OF HEALTH [US/US]; National Institutes of Health, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHI, Songtao [US/US]; 14732 Maine Cove Terrace, Gaithersburg, MD 20878 (US). ROBEY, Pamela, Gehron [US/US]; 8729 Ridge Road, Bethesda, MD 20817 (US).
- (74) STEFFEY, Charles, E. et al. / etc.; P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/475,034 **30 May/mai 2003** US  
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(26.06.2003)
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(01.08.2003)
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- (54) • SECRETED PROTEINS  
• PROTEINES SECRETEES
- (71) INCYTE CORPORATION [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SWARNAKAR, Anita [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). RICHARDSON, Thomas, W. [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). RAMKUMAR, Jayalaxmi [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). LEE, Soo Yeun [US/US]; 40 Westdale Avenue, Daly, CA 94015 (US). BECHA, Shanya, D. [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). ELLIOTT, Vicki, S. [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). CHAWLA, Narinder, K. [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). FAVERO, Kristin, D. [US/US]; 1660 Gordon Street #35, Redwood City, CA 94061 (US). WANG, Jonathan, T. [US/US]; 173 Campbell Drive, Mountain View, CA 94043 (US). BAUGHN, Mariah, R. [US/US]; 8547 W. Horner Street, Los Angeles, CA 90035 (US). CHIEN, David [US/US]; 444 Yerba Buena Avenue, Los Altos, CA 94022 (US). JIN, Pei [US/US]; 320 Curtner Avenue #D, Palo Alto, CA 94306 (US). WILSON, Amy, D. [US/US]; 5301 Newcastle Avenue, #30, Encino, CA 91316 (US).
- (74) FOLEY & LARDNER LLP; Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/094590 (13) A2
- (21) PCT/US2004/011174
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- (30) 10/418,032 **16 Apr/avr 2003** US  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYNTHETIC GENES FOR PLANT GUMS AND OTHER HYDROXYPROLINE-RICH GLYCOPROTEINS  
• GENES SYNTHETIQUES POUR GOMMES VEGETALES ET AUTRES GLYCOPROTEINES RICHES EN HYDROXYPROLINE
- (71) OHIO UNIVERSITY [US/US]; Technology Transfer Office, Unit 14, 340 West State Street, Athens, OH 45701 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIELISZEWSKI, Marcia, J. [US/US]; 5251 Raymar Drive, Albany, OH 45701 (US).
- (74) MYERS-PAYNE, Sean, C.; Calfee, Halter & Griswold LLP, 21 East State Street, 1100 Fifth Third Center, Columbus, OH 43215 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
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- (11) WO 2004/094591 (13) A2
- (21) PCT/US2004/011744
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- (25) en (26) en
- (30) 60/463,547 **16 Apr/avr 2003** US  
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- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • THREE-DIMENSIONAL STRUCTURES OF HDAC9 AND CABIN1 AND COMPOUND STRUCTURES AND METHODS RELATED THERETO  
• STRUCTURES TRIDIMENSIONNELLES DE HDAC9 ET CABIN1 ET STRUCTURES DE COMPOSES ET PROCEDES CONNEXES
- (71) THE REGENTS OF THE UNIVERSITY OF COLORADO [US/US]; 201 Regent Administrative Center, 3 SYS, Boulder, CO 80309 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAN, Aidong [CN/US]; 1350 20th Street, Apt. C-13, Boulder, CO 80302 (US). CHEN, Lin [US/US]; 5873 S. Orchard Creek Circle, Boulder, CO 80301 (US).
- (74) SEBOR, Angela, Dallas et al. / etc.; Sheridan Ross P.C., 1560 Broadway, Suite 1200, Denver, CO 80202-5141 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/094592 (13) A2
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- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POLYMER-CONJUGATED GLYCOSYLATED NEUBLASTIN  
• NEUBLASTINE A CONJUGAISON POLYMER GLYCOSYLEE
- (63) US 60/463,899 (CON)  
18 Apr/avr 2003 (18.04.2003)
- (71) BIOGEN IDEC MA INC. [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAH, Dinah, Wen-Yee [US/US]; 4 Longfellow Place, Apt. 2608, Boston, MA 02114 (US). PEPINSKY, Blake, R. [US/US]; 30 Falmouth Road, Arlington, MA 02474 (US). ROSSOMANDO, Anthony [US/US]; 50 Asti Avenue, Revere, MA 02151 (US).
- (74) BRENNAN, Jack; Fish & Richardson P.C., Suite 2800, 45 Rockefeller Plaza, New York, NY 10111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
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- (54) • EXPANDING THE EUKARYOTIC GENETIC CODE  
• EXTENSION DU CODE GENETIQUE EUCARYOTE
- (71) THE SCRIPPS RESEARCH INSTITUTE [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHIN, Jason, W. [GB/GB]; 29 York Street, Cambridge CB1 2PZ (GB). CROPP, Ashton, T. [US/US]; 863 Sapphire Street #3, San Diego, CA 92109 (US). ANDERSON, Christopher, J. [US/US]; 124 Mason St., Apt.401, San Francisco, CA 94102 (US). SCHULTZ, Peter, G. [US/US]; 1650 La Jolla Rancho Road, La Jolla, CA 92037 (US).
- (74) QUINE, Jonathan, Alan et al. / etc.; Quine Intellectual Property Law Group, P.C, P.O. Box 458, Alameda, CA 94501 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/463,904 **16 Apr/avr 2003** US  
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- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NON-HUMAN ANIMAL MODEL FOR GRAFT-VERSUS-HOST DISEASE  
• COBAYE ANIMAL NON HUMAIN POUR LA REACTION DE GREFFE CONTRE HOTE
- (71) FRED HUTCHINSON CANCER RESEARCH CENTER [US/US]; 1100 Fairview Avenue N., M/S: C2M 027, P.O. Box 19024, Seattle, WA 98109-1024 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARTIN, Paul, J. [US/US]; 107 Galer Street, Seattle, WA 98109 (US).
- (74) POOR, Brian, W. et al. / etc.; Two Embarcadero Center, 8th Flr., San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (25) en (26) en
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- (30) 60/469,612 **9 May/mai 2003** US  
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- (30) 60/494,597 **11 Aug/août 2003** US  
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- (30) 60/503,414 **15 Sep/sep 2003** US  
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- (30) 60/506,341 **26 Sep/sep 2003** US  
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- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MODIFIED iRNA AGENTS  
• AGENTS MODIFIÉS D'ARNI
- (71) ALNYLAM PHARMACEUTICALS INC. [US/US]; 790 Memorial Drive., Suite 202, Cambridge, MA 02139 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MANOHARAN, Muthiah [US/US]; 25 Circle Dr., Weston, MA 02493 (US).
- (74) MYERS, Louis; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/463,161 **16 Apr/avr 2003** US  
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- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NOVEL IMMUNOGENIC COMPOSITIONS FOR THE PREVENTION AND TREATMENT OF MENINGOCOCCAL DISEASE  
• NOUVELLES COMPOSITIONS IMMUNOGENES DE PREVENTION DE TRAITEMENT DE MENINGOCOCCIE
- (71) WYETH HOLDINGS CORPORATION [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZLOTNICK, Gary, W. [US/US]; 21 Woodlyn Way, Penfield, NY 14526 (US). FLETCHER, Leah, D. [US/US]; 37 Second Street, Geneseo, NY 14454 (US). FARLEY, John [US/US]; 49 Evandale Road, Rochester, NY 14618 (US). BERNFIELD, Liesel, A. [US/US]; 789 Thurston Road, Rochester, NY 14619 (US). ZAGURSKY, Robert, J. [US/US]; 569 Fox Hunt Drive, Victor, NY 14564 (US). METCALF, Benjamin, J. [US/US]; 15 Rensselaer Drive, Rochester, NY 14618 (US).
- (74) SCHULMAN, Robert, M. et al. / etc.; Hunton & Williams, LLP, 1900 K Street, N.W., Suite 1200, Washington, DC 20006-1109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en

- (30) 60/463,038 **16 Apr/avr 2003** US  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ANTHOZOAN FLUORESCENT PROTEIN GENES  
• GENES DE PROTEINES FLUORESCENTES D'ANTHOZOAIRES
- (71) UNIVERSITY OF MIAMI [US/US]; Office of Technology Transfer, 1475 12th Avenue, Sewell Bldg., Suite 2012, Miami, FL 33136 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CARTER, Robert, W. [US/US]; Um-Rsmas-Mbf, 4600 Rickenbacker Cswy, Miami, FL 33144 (US). GIBBS, Patrick, D. [US/US]; Um-Rsmas-Mbf, 4600 Rickenbacker Cswy, Miami, FL 33144 (US). SCHMALE, Michael, C. [US/US]; Um-Rsmas-Mbf, 4600 Rickenbacker Cswy, Miami, FL 33144 (US).
- (74) HOBBS, Ann, S.; Venable LLP, P.O. Box 34385, Washington, DC 20043-9998 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/094598 (13) A2
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- (25) en (26) en
- (30) 60/463,716 **18 Apr/avr 2003** US  
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(02.05.2003)
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(09.06.2003)
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- (30) 60/505,059 **24 Sep/sep 2003** US  
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- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS OF USE FOR NOVEL HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES  
• PROCEDES D'UTILISATION POUR DE NOUVEAUX POLYPEPTIDES HUMAINS CODES PAR DES POLYNUCLEOTIDES
- (71) FIVE PRIME THERAPEUTICS, INC. [US/US]; 951 Gateway Boulevard, South San Francisco, CA 94080 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Ernestine [US/US]; 226 Arlington Avenue, Kensington, CA 94707 (US). HESTIR, Kevin [US/US]; 226 Arlington Avenue, Kensington, CA 94707 (US). CHU, Keting [US/US]; 2017 Easton Drive, Burlingame, CA 94010 (US). MASUOKA, Lorianne [US/US]; 5230 Shafter Avenue, Oakland, CA 94618-1051 (US). WILLIAMS, Lewis, Thomas [US/US]; 125 Chapel Drive, Mill Valley, CA 94941 (US).
- (74) GARRETT, Arthur, S.; Finnegan Henderson Farabow Garrett & Dunner LLP 1300 I Street, N.W., Washington, DC 20005-3315 (US).
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/094599 (13) A2
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- (25) en (26) en
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(30.12.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DISEASE PREVENTION AND VACCINATION FOLLOWING THYMIC REACTIVATION  
• PREVENTION CONTRE UNE MALADIE ET VACCINATION APRES REACTIVATION THYMIQUE
- (71) NORWOOD IMMUNOLOGY, LTD. [AU/AU]; 63 Wells Road, Chelsea Heights, Victoria 3196 (AU).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOYD, Richard [AU/AU]; 60 Linacre Road, Hampton, Victoria 3188 (AU).
- (74) KERNER, Ann-Louise et al. / etc.; Wilmer Cutler Pickering Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) WO 2004/094600 (13) A2
- (21) PCT/US2004/011949
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 60/463,028 **16 Apr/avr 2003** US  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • STAPHYLOCOCCUS AUREUS EFB PROTEIN AND C3 BINDING REGION WHICH INHIBIT COMPLEMENT ACTIVATION  
• PROTEINE EFB ISSUE DE STAPHYLOCOCCUS AUREUS ET REGION DE LIAISON A C3 INHIBANT L'ACTIVATION DU COMPLEMENT
- (71) THE TEXAS A & M UNIVERSITY SYSTEM [US/US]; 3369 Tamu, College Station, TX 77843-3369 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BROWN, Eric [US/US]; c/o The Texas A & M University System, 3369 Tamu, College Station, TX 77843-3369 (US). LEE, Lawrence [—/US]; c/o The Texas A & M University System, 3369 Tamu, College Station, TX 77843-3369 (US). HOOK, Magnus [SE/US]; 4235 Oberlin, Houston, TX 77005 (US).
- (74) SCHULMAN, Aaron, B.; Stites & Harbison PLLC, 1199 North Fairfax Street, Suite 900, Alexandria, VA 22314 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12N

- (11) WO 2004/094601 (13) A2  
(21) PCT/US2004/011954  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,810 17 Apr/avr 2003 US  
(17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHODS OF TREATING PIN1 ASSO-  
CIATED DISORDERS BY COVALENT  
MODIFICATION OF ACTIVE SITE  
RESIDUES  
• PROCEDES DE TRAITEMENT DES  
TROUBLES LIES A PIN1 PAR LA  
MODIFICATION COVALENTE DES  
RESIDUS DU SITE ACTIF

- (71) PINTEX PHARMACEUTICALS, INC.  
[US/US]; 313 Pleasant Street, Watertown,  
MA 02472 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*  
(72, 75) TIBBITTS, Thomas [US/US]; 67 Gran-  
iteville Road, Westford, MA 01886-2233  
(US).  
(74) HANLEY, Elisabeth, A. et al. / etc.; Lahive  
& Cockfield, LLP, 28 State Street, Boston,  
MA 02109 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12N

- (11) WO 2004/094602 (13) A2  
(21) PCT/US2004/011970  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,752 16 Apr/avr 2003 US  
(16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • COMBINATORIAL SURFACE CHIP  
COMPOSITIONS FOR SELECTION,  
DIFFERENTIATION AND PROPAGA-  
TION OF CELLS

- COMPOSITIONS DE SURFACES COM-  
BINATOIRES DE PUCES POUR SE-  
LECTION, DIFFERENTIATION ET  
PROPAGATION DE CELLULES

- (71) EMORY UNIVERSITY [US/US]; 2009  
Ridgewood Drive, Atlanta, GA 30322 (US).  
GEORGIA TECH RESEARCH COR-  
PORATION [US/US]; Georgia Institute of  
Technology, 505 Tenth Street NW, Atlanta,  
GA 30332-0415 (US).  
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les États désignés sauf US)*

- (72, 75) GALIS, Zorina, S. [CA/US]; 4720  
Mallard View Drive, Indianapolis, IN 46226  
(US). MEREDITH, J., Carson [US/US];  
1959 McAdoo Court, Marietta, GA 30064  
(US).  
(74) PABST, Patrea, L. et al. / etc.; Holland &  
Knight LLP, One Atlantic Center, 1201 West  
Peachtree Street, N.D., Suite 2000, Atlanta,  
GA 30309-3400 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

## Declarations / Déclarations :

- (s) for all designations / pour toutes les  
désignations  
(t) for all designations / pour toutes les  
désignations  
(u) for / pour US only / seulement

(51)<sup>7</sup> C12N

- (11) WO 2004/094603 (13) A2  
(21) PCT/US2004/012006  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 60/463,840 18 Apr/avr 2003 US  
(18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • TRANSGENIC MOUSE WITH SIMPLI-  
FIED DH LOCUS  
• SOURIS TRANSGENIQUE A LOCUS  
DH SIMPLIFIE

- (71) THE UAB RESEARCH FOUNDATION  
[US/US]; AB 1120G, 1530 3rd Avenue South,  
Birmingham, AL 35294-0111 (US).  
*(for all designated States except / pour tous  
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- (72, 75) IPPOLITO, Gregory [US/US]; The  
University of Texas at Austin, Molecular Ge-  
netics & Microbiology, 100 W. 24th Street,  
ESB-534, Austin, TX 78712-0162 (US).  
ZEMLIN, Michael [DE/DE]; Forschungslab-  
or Neonatologie/ ImmunologieKlinik,  
für Neonatologie und Neuropädiatrie,  
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- NGUYEN, Huan [US/US]; WTI 378,  
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1530 Third Avenue South, Birmingham,  
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Versbacherstrasse 7, University of Wurzburg,  
97078 Wurzburg (DE). PELKONEN, Jukka  
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Kuopio (FI). MARION, Tony [US/US]; De-  
partment of Molecular Sciences, University  
of Tennessee Health Sciences Center, 858  
Madison Avenue, Memphis, TN 38163-0001  
(US). MESTECKY, Jiri [US/US]; WTI  
378, University of Alabama at Birmingham,  
1530 Third Avenue South, Birmingham,  
AL 35294-3300 (US). RAJEWSKY, Klaus  
[US/US]; Warren Alpert Building, Harvard  
Medical School, 200 Longwood Avenue,  
Boston, MA 02115 (US). SCHROEDER,  
Harry, JR. [US/US]; WTI 378, University of  
Alabama at Birmingham, 1530 Third Avenue  
South, Birmingham, AL 35294-3300 (US).

- (74) PETERSON, Thomas; Bradley Arant Rose  
& White LLP, 1819 Fifth Avenue North,  
Birmingham, AL 35203-2104 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

## Declarations / Déclarations :

- (s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> C12N

- (11) WO 2004/094604 (13) A2  
(21) PCT/US2004/012045  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 60/463,826 18 Apr/avr 2003 US  
(18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • SPLICE VARIANTS OF HUMAN VOLT-  
AGE-GATED CALCIUM CHANNEL  
ALPHA2DELTA-2 SUBUNIT DES-  
IGNATED-ALPHA2DELTA2-A AND  
ALPHA2DELTA2-B

- VARIANTS D'EPISSAGE D'UNE SOUS-UNITE HUMAINE ALPHA2DELTA-2 DES CANAUX CALCIQUES DEPENDANTS D'UN POTENTIEL D'ACTION APPELEE -ALPHA2DELTA2-A ET ALPHA2DELTA2-B
- (71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **AIYAR, Jayashree** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **COHEN, Charles, Jay** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **WILLIAMS, Mark, Edward** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (74) **MERCK & CO., INC.**; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) **WO 2004/094606** (13) A2
- (21) PCT/US2004/012072
- (22) **19 Apr/avr 2004 (19.04.2004)**
- (25) en (26) en
- (30) 60/463,981 **18 Apr/avr 2003** US (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITIONS AND METHODS FOR siRNA INHIBITION OF ANGIOPOIETIN 1 AND 2 AND THEIR RECEPTOR TIE2
- METHODES ET METHODES D'INHIBITION PAR ARNIC DE L'ANGIOPOIETINE 1 ET 2 ET DE LEUR RECEPTEUR TIE2
- (71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Suite 200, 3160 Chestnut Street, Philadelphia, PA 19104 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **REICH, Samuel, Jotham** [US/US]; 312 Kent Road, Bala Cynwyd, PA 19004 (US). **TOLENTINO, Michael, J.** [US/US]; 474 South Ithian Avenue, Villanova, PA 19085 (US).
- (74) **CARANGO, Paul et al. / etc.**; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103-6996 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N
- (11) **WO 2004/094605** (13) A2
- (21) PCT/US2004/012066
- (22) **19 Apr/avr 2004 (19.04.2004)**
- (25) en (26) en
- (30) 60/463,764 **17 Apr/avr 2003** US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS AND COMPOSITIONS FOR INHIBITING STAT SIGNALING PATHWAYS
- METHODES ET COMPOSITIONS PERMETTANT D'INHIBER LES VOIES DE SIGNALISATION DES STAT
- (71) **MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY** [US/US]; One Gustav L. Levy Place, New York, New York 10029-6574 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HORVATH, Curt** [US/US]; 254 E. 68th Street, #4C, New York, New York 10021 (US). **RODRIGUEZ, Jason** [US/US]; New York, NY (US). **ULANE, Christine** [US/US]; 50 East 98th Street, Apt. 1411, New York, New York 10029 (US). **PARISIEN, Jean-Patrick** [HT/US]; 85-25 120th Street, Apt. 2A, Kew Gardens, New York 11415 (US).
- (74) **LORENZ, Todd, A. et al. / etc.**; DORSEY & WHITNEY LLP, 4 Embarcadero Center, Suite 3400, San Francisco, California 94111 (US).
- (81) 10/420,268 **21 Apr/avr 2003** US (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS OF THERAPY AND DIAGNOSIS USING TARGETING OF CELLS THAT EXPRESS A HUMAN TRANSPORTER-LIKE PROTEIN
- METHODES DE THERAPIE ET DE DIAGNOSTIC UTILISANT LE CIBLAGE DE CELLULES QUI EXPERIMENT UNE PROTEINE DU TYPE TRANSPORTEUR HUMAINE
- (71) **NUVELO, INC.** [US/US]; 675 Almanor Avenue, Sunnyvale, CA 94085 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **EMTAGE, Peter, C.R.** [CA/US]; 879 South Knickerbocker Drive, Sunnyvale, CA 94087 (US).
- (74) **POLIZOTTO, Renee**; NUVELO, Inc., 675 Almanor Avenue, Sunnyvale, CA 94085 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (q2)
- 
- (51)<sup>7</sup> C12N
- (11) **WO 2004/094608** (13) A2
- (21) PCT/US2004/012290
- (22) **19 Apr/avr 2004 (19.04.2004)**
- (25) en (26) en
- (30) 60/463,822 **18 Apr/avr 2003** US (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HUMAN PROCOLIPASE LIKE NUCLEIC ACIDS AND POLYPEPTIDES AND THEIR METHODS OF USE THREOF
- ACIDES NUCLEIQUES ET POLYPEPTIDES APPARENTS A LA PROCOLIPASE HUMAINE ET LEURS METHODES D'UTILISATION
- (63) US 60/464,580 (CON) 22 Apr/avr 2003 (22.04.2003)
- (71) **CURAGEN CORPORATION** [US/US]; 555 Long Wharf Drive, New Haven, CT 06511 (US).  
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- (72, 75) **DI-HALVORSEN, Yuan** [US/US]; 22 East Main Street, Unit 74G, Branford, CT 06405 (US). **ARJONA, Anibal, A.** [US/US]; Residence:900 Chapel St., Apt. 404, New Haven, CT 06510 (US). **PATTURAJAN, Meera** [IN/US]; 45 Harrison Avenue, Apt. 1C, Branford, CT 06405 (US). **MILLER,**



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(74) YAHWAK, George; C/O CuraGen Corporation, 555 Long Wharf Drive, New Haven, CT 06511 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 2004/094609 (13) A2

(21) PCT/US2004/012449

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,152 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS FOR CHARACTERIZING SIGNALING PATHWAYS AND COMPOUNDS THAT INTERACT THEREWITH

• PROCEDES DE CARACTERISATION DE VOIES DE SIGNALISATION ET COMPOSES INTERAGISSANT AVEC CEUX-CI

(71) BIOSEEK, INC. [US/US]; 863-C Mitten Road, Burlingame, CA 94010 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PLAVEC, Ivan [HR/US]; 1415 Mallard Way, Sunnyvale, CA 94087 (US). BERG, Ellen, L. [US/US]; 978 Blair Court, Palo Alto, CA 94303 (US).

(74) SHERWOOD, Pamela, J.; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 2004/094610 (13) A2

(21) PCT/US2004/012492

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,292 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WNT AS A FACTOR FOR CARDIAC MYOGENESIS

• PONT UTILISE COMME FACTEUR POUR LA MYOGENESE CARDIAQUE

(71) BAYLOR COLLEGE OF MEDICINE [US/US]; One Baylor Plaza, Houston, TX 77030 (US).

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(72, 75) SCHNEIDER, Michael, D. [US/US]; 2234 Albans, Houston, TX 77005 (US). NAKAMURA, Teruya [JP/US]; 2990 Bissonnet #9302, Houston, TX 77005 (US).

(74) ACOSTA, Melissa, W. et al. / etc.; Fulbright & Jaworski L.L.P., 1301 McKinney, Suite 5100, Houston, TX 77010-3095 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 2004/094611 (13) A2

(21) PCT/US2004/012494

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,227 21 Apr/avr 2003 US (21.04.2003)

(30) PCT/US04/001375 20 Jan/jan 2004 US (20.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REPROGRAMMING NUCLEAR FUNCTION WITH SOMATIC CELL CYTOPLASM

• REPROGRAMMATION DE LA FONCTION NUCLEAIRE AU MOYEN D'UN CYTOPLASME DE CELLULES SOMATIQUES

(71) UNIVERSITY OF MASSACHUSETTS [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108-3107 (US).

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(72, 75) ROBL, James, M. [US/US]; 4401 South Technology Drive, Tech 3, Sioux Falls, SD 57106 (US).

(74) BRUESS, Steven, C.; Merchant & Gould P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 2004/094612 (13) A2

(21) PCT/US2004/012568

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,350 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CANCER SPECIFIC MONOCLONAL ANTIBODIES

• ANTICORPS MONOCLONAUX SPECIFIQUES DE CANCER

(71) A & G PHARMACEUTICAL, INC. [US/US]; 9130 Red Branch Road, Suite U, Columbia, MD 21045 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUN, Le [US/US]; 10239 Threadneedle Ct., Ellicott City, MD 21042, Suite U/V, Columbia, MD 21045 (US). SERRERO, Ginette [US/US]; 10200 Savoy Ct., Ellicott City, MD 21045 (US). CORVERA, Joe [US/US]; 3729 Yolanda Road, Baltimore, MD 21218 (US). HOU, Yodong [US/US]; 3514 Beech Avenue, Apt. F, Baltimore, MD 21211 (US).

(74) LI, Kening; Crowell & Moring, LLP, Intellectual Property Group, P.O. Box 14300, Washington, DC 20044-4300 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N

(11) WO 2004/094613 (13) A2

(21) PCT/US2004/012662

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,532 22 Apr/avr 2003 US (22.04.2003)

(30) 60/525,391 24 Nov/nov 2003 US (24.11.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POLYVALENT PROTEIN COMPLEX  
• COMPLEXE PROTEINIQUE POLYVALENT
- (71) IBC PHARMACEUTICALS [US/US]; 300 American Road, Morris Plains, NJ 07950 (US). IMMUNOMEDICS, INC [US/US]; 300 American Road, Morris Plains, NJ 07950 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ROSSI, Edmund, A. [US/US]; 28 Colonial Terrace, Nutley, NJ 07110 (US). CHANG, Chien-Hsing [US/US]; 349 French Circle, Downingtown, PA 19335 (US). MCBRIDE, William, J. [US/US]; 116 Glover Street, Boonton, NJ 07005 (US).
- (74) BOOTH, Paul, M. et al. / etc.; Heller Ehrman White & McAuliffe LLP, Suite 300, 1666 K Street, NW, Washington, DC 20006-1228 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) WO 2004/094614 (13) A2
- (21) PCT/US2004/012670
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 60/464,239 21 Apr/avr 2003 (21.04.2003) US
- (30) 60/464,179 21 Apr/avr 2003 (21.04.2003) US
- (30) 60/465,055 23 Apr/avr 2003 (23.04.2003) US
- (30) 60/465,053 23 Apr/avr 2003 (23.04.2003) US
- (30) 60/469,628 8 May/mai 2003 (08.05.2003) US
- (30) 60/474,133 29 May/mai 2003 (29.05.2003) US
- (30) 60/474,680 29 May/mai 2003 (29.05.2003) US
- (30) 60/486,580 11 Jul/juil 2003 (11.07.2003) US
- (30) 60/489,810 23 Jul/juil 2003 (23.07.2003) US
- (30) 60/491,019 29 Jul/juil 2003 (29.07.2003) US
- (30) 60/503,596 16 Sep/sep 2003 (16.09.2003) US
- (30) 60/512,071 17 Oct/oct 2003 (17.10.2003) US
- (30) 10/718,833 21 Nov/nov 2003 (21.11.2003) US
- (30) 60/523,935 21 Nov/nov 2003 (21.11.2003) US
- (30) 60/537,045 16 Jan/jan 2004 (16.01.2004) US
- (30) 60/537,201 16 Jan/jan 2004 (16.01.2004) US
- (30) 10/762,915 21 Jan/jan 2004 (21.01.2004) US
- (30) 10/826,077 15 Apr/avr 2004 (15.04.2004) US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • STABILIZED APTAMERS TO PLATELET DERIVED GROWTH FACTOR AND THEIR USE AS ONCOLOGY THERAPEUTICS  
• APTAMERES STABILISES LIES A UN FACTEUR DE CROISSANCE DERIVE DE PLAQUETTE ET LEUR UTILISATION EN TANT QU'AGENTS THERAPEUTIQUES D'ONCOLOGIE
- (63) US 10/762,915 (CIP)  
21 Jan/jan 2004 (21.01.2004)
- US 60/464,179 (CIP)  
21 Apr/avr 2003 (21.04.2003)
- US 60/465,055 (CIP)  
23 Apr/avr 2003 (23.04.2003)
- US 60/512,071 (CIP)  
17 Oct/oct 2003 (17.10.2003)
- US 60/537,201 (CIP)  
16 Jan/jan 2004 (16.01.2004)
- US 60/537,045 (CIP)  
16 Jan/jan 2004 (16.01.2004)
- US 10/718,833 (CIP)  
21 Nov/nov 2003 (21.11.2003)
- US Not furnished / non communiqué (CIP)  
15 Apr/avr 2004 (15.04.2004)
- US 60/464,239 (CIP)  
21 Apr/avr 2003 (21.04.2003)
- US 60/465,053 (CIP)  
23 Apr/avr 2003 (23.04.2003)
- US 60/469,628 (CIP)  
8 May/mai 2003 (08.05.2003)
- US 60/474,133 (CIP)  
29 May/mai 2003 (29.05.2003)
- US 60/474,680 (CIP)  
29 May/mai 2003 (29.05.2003)
- US 60/486,580 (CIP)  
11 Jul/juil 2003 (11.07.2003)
- US 60/489,810 (CIP)  
23 Jul/juil 2003 (23.07.2003)
- US 60/491,019 (CIP)  
29 Jul/juil 2003 (29.07.2003)
- US 60/503,596 (CIP)  
16 Sep/sep 2003 (16.09.2003)
- (71) ARCHEMIX CORP. [US/US]; One Hampshire Street, Cambridge, MA 02139 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) EPSTEIN, David [US/US]; 56 Pine Street, Belmont, MA 02478 (US). STANTON, Martin [US/US]; 64 Harvard Road, Stow, MA 01775 (US). DESOUZA, Errol [US/US]; Archemix Corp., One Hampshire Street, Cambridge, MA 02139 (US). WILSON, Charles [US/US]; 229 Lexington Road, Concord, MA 01742 (US). GRATE, Dilara [US/US]; 16 Wheelock Terrace, Waltham, MA 02453 (US). MCCAULEY, Thomas [US/US]; 7 Spencer Avenue, Somerville, MA 02144 (US). DIENER, John, L. [US/US]; 87 Bristol Street, Unit 1B, Cambridge, MA 02139 (US).
- (74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N
- (11) WO 2004/094616 (13) A2
- (21) PCT/US2004/012926
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 10/422,466 22 Apr/avr 2003 (22.04.2003) US
- (43) 4 Nov/nov 2004 (04.11.2004)

- (54) • SILENCING TRANSCRIPTION BY METHYLATION  
• OBTENTION DE SILENCE PAR TRANSCRIPTION PAR METHYLATION
- (71) **GMR EPIGENETICS** [US/US]; 660 Menlo Oaks Drive, Menlo Park, CA 94025 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HU, Ji-Fan** [US/US]; 745 Seminole Way, Palo Alto, CA 94303 (US). **BOWERSOX, Scott** [US/US]; 660 Menlo Oaks Drive, Menlo Park, CA 95024 (US).
- (74) **LUTHER, Barbara, J.**; Quarles & Brady Streich Lang LLP, One Renaissance Square, Two North Central Avenue, Phoenix, AZ 85004-2391 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) **WO 2004/094618** (13) A2  
(21) PCT/US2004/006083  
(22) **19 Mar/mar 2004 (19.03.2004)**  
(25) en (26) en  
(30) 10/394,808 **21 Mar/mar 2003 US (21.03.2003)**  
(30) 10/803,482 **18 Mar/mar 2004 US (18.03.2004)**  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MODULATION OF DIACYLGLYCEROL ACYLTRANSFERASE 1 EXPRESSION  
• MODULATION DE L'EXPRESSION DE LA DIACYLGLYCEROL ACYLTRANSFERASE 1
- (63) US 10/394,808 (CIP)  
US 21 Mar/mar 2003 (21.03.2003)  
US Not furnished / non communiqué (CIP)  
18 Mar/mar 2004 (18.03.2004)
- (71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MONIA, Brett, P.** [US/US]; 2306 Casa Hermosa Court, Encinitas, CA 92024 (US). **GRAHAM, Mark, J.** [US/US]; 2305 S. Ola Vista, San Clemente, CA 92672 (US).
- (74) **BAK, Mary, E. et al. / etc.**; Howson and Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) **WO 2004/094617** (13) A2  
(21) PCT/US2004/005171  
(22) **20 Feb/fév 2004 (20.02.2004)**  
(25) en (26) en  
(30) 60/448,964 **21 Feb/fév 2003 US (21.02.2003)**  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SENSIN POLYPEPTIDES, ENCODING NUCLEIC ACIDS, MUTATIONS, AND METHODS OF THEIR IDENTIFICATION AND USE  
• POLYPEPTIDES DE SENSIN, ACIDES NUCLEIQUES LES CODANT, MUTATIONS ASSOCIÉES, ET MÉTHODES DESTINÉES À LEUR IDENTIFICATION ET UTILISATION
- (71) **PHENOMIX CORPORATION** [US/US]; 5871 Oberlin Drive, La Jolla, California 92121 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GLYNNE, Richard, J.** [GB/US]; 2691 Palomina Circle, La Jolla, California 92037 (US). **HONG, Nancy, A.** [US/US]; 4330 N. Talmadge Drive, San Diego, California 92116 (US). **NELMS, Keats, A.** [US/AU]; 17 Towns Crescent, Unit 1, Turner, Australian Capital Territory 2612 (AU). **WU, Hua** [CN/US]; 9364 Galvin Avenue, San Diego, California 92126 (US).
- (74) **WARBURG, Richard et al. / etc.**; Foley & Lardner, P.O. Box 80278, San Diego, California 92138-0278 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (30) 60/463,788 **18 Apr/avr 2003 US (18.04.2003)**  
(30) 10/769,686 **30 Jan/jan 2004 US (30.01.2004)**  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HEMATOPOIETIC STEM CELLS TREATED BY *IN VITRO* FUCOSYLATION AND METHODS OF USE  
• CELLULES SOUCHES HEMATOPOIETIQUES TRAITÉES PAR FUCOSYLATION <I>IN VITRO</I> ET PROCÉDES POUR LES UTILISER
- (71, 72) **XIA, Lijun** [CN/US]; 1720 Pinnacle Lane, Edmond, OK 73003 (US). **MCEVER, Rodger, P.** [US/US]; 1716 Guilford Lane, Oklahoma City, OK 73120 (US).
- (74) **CORBETT, Christopher, W.**; Dunlap, Codding & Rogers, P.C., P.O. Box 16370, Oklahoma City, OK 73113 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) **WO 2004/094620** (13) A2  
(21) PCT/US2004/007692  
(22) **26 Mar/mar 2004 (26.03.2004)**  
(25) en (26) en  
(30) 60/458,707 **28 Mar/mar 2003 US (28.03.2003)**  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TRUNCATED BAFF RECEPTORS  
• RECEPTEURS BAFF TRONQUÉS
- (71) **BIOGEN IDEC MA INC.** [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **AMBROSE, Christine** [US/US]; 197 Wakefield Street, Reading, MA 01867 (US). **THOMPSON, Jeffrey** [US/US]; 60 Newcomb Road, Stoneham, MA 02180 (US). **HSU, Yen-Ming** [US/US]; 3 Douglas Road, Lexington, MA 02420 (US). **WEN, Dingyi** [US/US]; 255 Lincoln Street, Waltham, MA 02451 (US). **SUN, Yaping** [CN/US]; 73 Blackmer Road, Sudbury, MA 01776 (US).
- (74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, LLP, 1300 I Street, NW, Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) **WO 2004/094619** (13) A2  
(21) PCT/US2004/006474  
(22) **3 Mar/mar 2004 (03.03.2004)**  
(25) en (26) en

- SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (51)<sup>7</sup> C12N  
(11) WO 2004/094621 (13) A2  
(21) PCT/US2004/008308  
(22) 18 Mar/mar 2004 (18.03.2004)  
(25) en (26) en  
(30) 10/405,793 28 Mar/mar 2003 US  
(28.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POLYNUCLEOTIDE ENCODING A NOVEL TRP CHANNEL FAMILY MEMBER, LTRPC3, AND SPLICE VARIANTS THEREOF  
• POLYNUCLEOTIDE CODANT POUR UN NOUVEAU MEMBRE DE LA FAMILLE DES CANAUX TRP, LTRPC3, ET VARIANTS D'EPISSAGE DE CE-LUI-CI
- (71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; Route 206 and Province Line Road, P.O. Box 4000, Princeton, NJ 08543-4000 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEE, Ning [US/US]; 926 Rhoads Drive, Belle Mead, NJ 08807 (US). CHEN, Jian [US/US]; 121 York Drive, Princeton, NJ 08540 (US). FEDER, John, N. [US/US]; 277 Dutchtown Zion Road, Belle Mead, NJ 08502 (US). WU, Shujian [US/US]; 972 Ithan Lane, Langhorne, PA 19047 (US). LEE, Liana, M. [US/US]; 460 Fell Street, Apt. 4, San Francisco, CA 94102 (US). BLANAR, Michael, A. [CA/US]; 1325 Summerhill Drive, Malvern, PA 19355 (US). BOL, David, K. [US/US]; 8904 Brink Road, Gaithersburg, MD 20882 (US). LEVESQUE, Paul, C. [US/US]; 1925 Westover Road, Yardley, PA 19067 (US). SUN, Lucy [US/US]; 90 Cliveden Drive, Newtown, PA 18940 (US).
- (74) D'AMICO, Stephen, C. et al. / etc.; Bristol-Myers Squibb Company, Route 206 & Provinceline Road, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N  
(11) WO 2004/094623 (13) A2  
(21) PCT/US2004/008971  
(22) 22 Mar/mar 2004 (22.03.2004)  
(25) en (26) en  
(30) 60/460,788 4 Apr/avr 2003 US  
(04.04.2003)  
(30) 60/470,697 14 May/mai 2003 US  
(14.05.2003)  
(30) 60/474,144 28 May/mai 2003 US  
(28.05.2003)
- (30) 60/483,286 27 Jun/juin 2003 US  
(27.06.2003)  
(30) 60/493,045 5 Aug/août 2003 US  
(05.08.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CELL ADHESION AND EXTRACELLULAR MATRIX PROTEINS  
• PROTEINES D'ADHESION CELLULAIRE ET DE MATRICE EXTRACELLULAIRE
- (71) INCYTE CORPORATION [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SWARNAKAR, Anita [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). KABLE, Amy, E. [US/US]; 9403 Curran Road, Silver Spring, MD 20901 (US). MARQUIS, Joseph, P. [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). CHAWLA, Narinder, K. [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). LEE, Soo Yeun [US/US]; 40 Westdale Avenue, Daly, CA 94015 (US). HAWKINS, Phillip, R. [US/US]; 750 North Shoreline Boulevard #115, Mountain View, CA 94043 (US). JIN, Pei [US/US]; 320 Curtner Avenue #D, Palo Alto, CA 94306 (US). BECHA, Shanya, D. [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US).
- (74) FOLEY & LARDNER LLP; Washington Harbour, 3000 K Street, N.W., Suite 500, Washington, D.C. 20007-5143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 1/14, A01G 1/04, A01H 15/00  
(11) WO 2004/094624 (13) A1  
(21) PCT/NZ2004/000078  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en  
(30) 525521 24 Apr/avr 2003 NZ  
(24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ISOLATION AND USE OF DECAY FUNGI  
• ISOLATION ET UTILISATION DE CHAMPIGNONS DE LA CARIE

- (71) **UNIVERSITY OF WAIKATO** [NZ/NZ]; Hillcrest Road, Hamilton, HAMILTON, 2001 (NZ). **UNIVERSIDAD DE CHILE** [CL/CL]; Alameda 1058, Santiago, Chile, CHILE (CL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FARRELL, Roberta, Lee** [NZ/NZ]; 74 Nevada Road, Hamilton, HAMILTON (NZ). **MOLINA, Juan, Javier, Gonzalez** [CL/CL]; P. Carlos Mondaca 264, La Reina, Santiago, CHILE (CL). **GUTIERREZ, Juan, Eduardo, Donoso** [CL/CL]; Santa Julia Norte 135, La Florida, Santiago, CHILE (CL).
- (74) **ADAMS, Matthew, D et al. / etc.**; A J Park, 6th Floor Huddart Parker Building, PO Box 949, Wellington, 6015 (NZ).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)  
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- (51)<sup>7</sup> C12N 5/00  
(11) WO 2004/094626 (13) A1  
(21) PCT/US2004/009247  
(22) 26 Mar/mar 2004 (26.03.2004)  
(25) en (26) en  
(30) 10/418,234 18 Apr/avr 2003 US (18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PVA-BASED POLYMER COATING FOR CELL CULTURE  
• REVETEMENT POLYMER A BASE DE PVAL POUR CULTURE CELLULAIRE
- (71) **BECTON DICKINSON AND COMPANY** [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KEITH, Steven, C.** [US/US]; 212 May Court, Chapel Hill, NC 27514 (US). **HEIDARAN, Mohammad, A.** [US/US]; 207 Painted Fall Way, Cary, NC 27513 (US). **HEMPERLY, John, J.** [US/US]; 602 Pinewood Drive, Apex, NC 27502 (US). **KNORS, Christopher, J.** [US/US]; 8313 Natahala Drive, Raleigh, NC 27612 (US).
- (74) **WAGNER, Jaconda**; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)  
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- (51)<sup>7</sup> C12N 5/00, C12Q 1/00  
(11) WO 2004/094628 (13) A1  
(21) PCT/JP2003/013986  
(22) 31 Oct/oct 2003 (31.10.2003)  
(25) ja (26) ja  
(30) 2003-116279 21 Apr/avr 2003 JP (21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMANITIB-RESISTANT PHILADELPHIA CHROMOSOME-POSITIVE HUMAN ACUTE LYMPHOCYTIC LEUKEMIC CELL LINE AND UTILIZATION THEREOF
- (71) **SEOUL NATIONAL UNIVERSITY INDUSTRY FOUNDATION** [KR/KR]; #222 2nd Fl., Seoul National Research Park Innovation Center, San 4-2, Bongchun 7-dong, Kwanak-gu, Seoul 151-818 (KR). **HANMI PHARM. CO. LTD.** [KR/KR]; #893-5, Hajeo-ri, Paltan-myeon, Hwaseong-gun, Kyungki-do 445-910 (KR). **AVICORE BIOTECHNOLOGY INSTITUTE INC.** [KR/KR]; 374-4 Wanggok-dong, Uiwang-si, Kyungki-do 437-020 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HAN, Jae Yong** [KR/KR]; 17-308 Eunma Apartment, 316 Daechi-dong, Gangnam-gu, Seoul 135-280 (KR). **PARK, Tae Sub** [KR/KR]; 606-1106 Saetbyeol Apartment, Dalan-dong, Dongan-gu, Anyang-si, Kyungki-do 431-058 (KR). **HONG, Yeong Ho** [KR/KR]; 105-910 Woncheon Jugong Apartment, 35 Woncheon-dong., Paldal-gu, Suwon-si, Kyungki-do 442-821 (KR). **KWON, Se Chang** [KR/KR]; 802-2205 Hyundai Apartment, Kwangjang-dong, Kwangjin-gu, Seoul 143-210 (KR).
- (74) **SESHIN PATENT & LAW FIRM**; 8th Fl., KFSB Bldg., 16-2 Yeodo-dong, Yeongdeungpo-gu, Seoul 150-010 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> C12N 5/06, 5/10  
(11) WO 2004/094627 (13) A1  
(21) PCT/KR2004/000908  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en

- LIGNEE CELLULAIRE COMPRENANT UN CHROMOSOME PHILADELPHIE POSITIF RESISTANTE A L'IMANITIB, HUMAINE, LYMPHOCYTIQUE, LEUCEMIQUE ET SON UTILISATION
- (71, 72) SATO, Yuko [JP/JP]; International Medical Center of Japan Research Institute, 1-21-1, Toyama, Shinjuku-ku, Tokyo 162-0052 (JP). NAGAO, Hiromasa [JP/JP]; Bio Business Network, 4-19-1, Shonan dai, Fujisawa-shi, Kanagawa 252-0804 (JP).
- (74) KATO, Asamichi et al. / etc.; A. Kato & Associates, Bohsei Building, 7th Floor, 20-12, Shin-Yokohama 3-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 9/16, A61K 38/46, A61P 35/00
- (11) WO 2004/094629 (13) A1
- (21) PCT/SE2004/000628
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 60/320,139 24 Apr/avr 2003 US (24.04.2003)
- (30) 60/481,598 5 Nov/nov 2003 US (05.11.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HUMAN ALKALINE SPHINGOMYELINASE AND USE THEREOF
- SPHINGOMYELINASE ALKALINE HUMAINE ET UTILISATION
- (71) SKÅNEMEJERIER EK. FÖR. [SE/SE]; S-205 03 Malmö (SE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BERGMAN, Tomas [SE/SE]; Allmogevägen 1, S-177 57 Järfälla (SE). DUAN, Rui-Dong [SE/SE]; Uardavägen 2B, S-224 71 Lund (SE). NILSSON, Åke [SE/SE]; Höstagillesvägen 26, S-226 51 Lund (SE).
- (74) ALBIHNS STOCKHOLM AB; Linnégatan 2, P.O. Box 5581, S-114 85 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 9/96, 1/04, A61K 31/70, 47/26
- (11) WO 2004/094631 (13) A1
- (21) PCT/PT2003/000006
- (22) 22 Apr/avr 2003 (22.04.2003)
- (25) en (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DI-GLYCOSIL GLYCERYL COMPOUNDS FOR THE STABILISATION AND PRESERVATION OF BIOMATERIALS
- COMPOSES DE DI-GLYCOSIL GLYCERYLE PERMETTANT DE STABILISER ET DE CONSERVER DES BIOMATERIAUX
- (71) INSTITUTO DE BIOLOGIA EXPERIMENTALE E TECNOLOGIA (IBET) [PT/PT]; Quinta do Marquês, Apartado 12, 2781-901 Oeiras (PT).
- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SANTOS, Helena [PT/PT]; R. Manuel de Almeida Vasconcelos, n°132,3° C, 2775-713 Carcavelos (PT). ANTÓNIO, Pedro, Miguel, Lamosa [PT/PT]; Campo Grande n°5, 8Dto, Lisboa (PT). Jorge, Carla [PT/PT]; Rua António Sousa Pinto, n°6, 3°Esq., 2800 Almada (PT). DA COSTA, Milton, Simoes [PT/PT]; Rua do Sobreiro, 65, Bustos, 3770 Oliveira do Bairro (PT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/00, C12Q 1/04, 1/68, G01N 27/26, 33/483, 33/50
- (11) WO 2004/094632 (13) A1
- (21) PCT/JP2004/005959
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-119962 24 Apr/avr 2003 JP (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF DETECTING HISTAMINE-PRODUCING BACTERIUM AND PRIMER FOR USE IN THE METHOD
- PROCEDE DE DETECTION D'UNE BACTERIE PRODUISANT DE L'HISTAMINE ET AMORCE UTILISEE DANS CE PROCEDE
- (71, 72) KIMURA, Bon [JP/JP]; 19-8, Osone 3-chome Kohoku-ku, Yokohama-shi, Kanagawa 2220003 (JP). FUJII, Takeo [JP/JP]; B301, 8-19, Kamitakaido 1-chome, Suginami-ku, Tokyo 1680074 (JP).
- (72, 75) TAKAHASHI, Hajime [JP/JP]; 501, 3-8, bessyo 2-chome, Hachioji-shi, Tokyo 1920363 (JP).
- (74) ISHIKAWA, Toru; ORION I.P.O. 2Nd Floor Fuji bldg., 24-12, Kanumadai 2-chome, Sagami-hara-shi, Kanagawa 2290033 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/09, C12P 21/02  
(11) WO 2004/094633 (13) A1  
(21) PCT/JP2004/005585  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) ja (26) ja  
(30) 2003-116280 21 Apr/avr 2003 JP  
(21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PROCESS FOR PRODUCING RECOMBINANT PROTEIN IN BACTERIUM BELONGING TO THE GENUS *RHODOCOCCUS*  
• PROCESSUS DE PRODUCTION D'UNE PROTEINE RECOMBINANTE DANS UNE BACTERIE APPARTENANT AU GENRE <I>RHODOCOCCUS</I>

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 1008921 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKASHIMA, Nobutaka [JP/JP]; c/o Aist Hokkaido, National Institute of Advanced, Industrial Science and Technology, 17-2-1, Tsukisamu-higashi-2-jo, Toyohira-ku, Sapporo-shi, Hokkaido 0628517 (JP). TAMURA, Tomohiro [JP/JP]; c/o Aist Hokkaido, National Institute of Advanced, Industrial Science and Technology, 17-2-1, Tsukisamu-higashi-2-jo, Toyohira-ku, Sapporo-shi, Hokkaido 0628517 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/10, C12M 1/00 // C12Q 1/68

(11) WO 2004/094634 (13) A1  
(21) PCT/JP2004/005811  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) ja (26) ja  
(30) 2003-116916 22 Apr/avr 2003 JP  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF ISOLATING NUCLEIC ACID AND, FOR NUCLEIC ACID ISOLATION, KIT AND APPARATUS  
• PROCEDE D'ISOLATION D'ACIDE NUCLEIQUE ET TROUSSE ET APPAREIL POUR L'ISOLATION D'ACIDE NUCLEIQUE

(71) ARKRAY INC. [JP/JP]; 57, Nishi Aketa-cho, Higashi-kujo, Minami-ku, Kyoto-shi, Kyoto, 6018045 (JP).  
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(72, 75) INOSE, Ken [JP/JP]; c/o ARKRAY, Inc., 57, Nishi Aketa-cho, Higashi-kujo, Minami-ku, Kyoto-shi, Kyoto, 6018045 (JP). HASHIGUCHI, Satoshi [JP/JP]; c/o ARKRAY, Inc., 57, Nishi Aketa-cho, Higashi-kujo, Minami-ku, Kyoto-shi, Kyoto, 6018045 (JP). IZUMIZAWA, Yuji [JP/JP]; c/o ARKRAY, Inc., 57, Nishi Aketa-cho, Higashi-kujo, Minami-ku, Kyoto-shi, Kyoto, 6018045 (JP).

(74) KAWAGUCHI, Yoshiyuki et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo, 1030004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/10

(11) WO 2004/094635 (13) A2  
(21) PCT/US2004/012033  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) en (26) en  
(30) 10/418,194 16 Apr/avr 2003 US  
(16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITIONS AND METHODS FOR USING A SOLID SUPPORT TO PURIFY RNA  
• COMPOSITIONS ET PROCEDES D'UTILISATION D'UN SUPPORT SOLIDE POUR PURIFIER DE L'ARN

(71) GENTRA SYSTEMS, INC. [US/US]; 13355 10th Avenue North, Suite 120, Minneapolis, MN 55441 (US).  
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(72, 75) BAIR, Robert, J., Jr. [US/US]; 425 Magnolia Lane North, Plymouth, MN 55441 (US). HEATH, Ellen, M. [US/US]; 120 Rams Horn Mountain Court, Livermore, CO 80536-9387 (US). MEEHAN, Heather [US/US]; 3756 153rd Avenue N.E., Ham Lake, MN 55304 (US). PAULSEN, Kim, E [US/US]; 9425 Evergreen Avenue North, Brooklyn Park, MN 55443 (US). WAGES, John, M., Jr. [US/US]; 148 County Road 199, Tupelo, MS 38801 (US).

(74) VIKSNINS, Ann, S.; Fish & Richardson P.C., P.A., 60 South Sixth Street, Suite 3300, Minneapolis, MN 55402-1104 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/11, A01K 67/027, C12N 15/861, C12Q 1/68, C12N 15/10, 5/10

(11) WO 2004/094636 (13) A1  
(21) PCT/EP2003/004362  
(22) 24 Apr/avr 2003 (24.04.2003)  
(25) en (26) en  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EFFECTIVE SIRNA KNOCK-DOWN CONSTRUCTS  
• CONSTRUCTIONS DEMONTABLES EFFECTIVES D'ARN SI

(71) GALAPAGOS GENOMICS N.V. [BE/BE]; Generaal de Wittelaan 11 A3, B-2800 MECHELEN (BE). VAN DER SCHUEREN, Jan [BE/BE]; Spaarstraat 56, B-3010 KESSEL-LO (BE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARTS, Gerardus, Johannes, Franciscus [NL/NL]; Wikkestraat 46, NL-2403 ES ALPHEN AAN DE RIJN (NL). LAMBRECHT, Mark, Jacques, Yvonne [BE/BE]; Bukestraat 89, B-1910 BUKEN (BE). DJOKIC, Kristina [NL/NL]; Joseph Haydnlaan 58, NL-2324 AT LEIDEN (NL). CLASEN, Remko, Johannes [NL/NL]; Middelweg 15 H, NL-2312 KE LEIDEN (NL). MESIC, Emir [NL/NL]; Koningstraat 1, NL-2316 CA LEIDEN (NL). GRIF-FIOEN, Sandra [NL/NL]; Maresingel 47A, NL-2316 HD LEIDEN (NL). BERGS, Carolina, Johanna, Leonarda [NL/NL]; Van Vollenhovenplein 102, NL-2313 EE LEIDEN (NL).

(74) VERNOUT, Robert; Arnold & Siedsma, Sweelinkplein 1, NL-2517 GK THE HAGUE (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12N 15/11, 5/10, A01H 5/00, A61K 39/35, 38/56, 38/56, A61P 37/08, A23L 1/10, 1/305

(11) WO 2004/094637 (13) A1  
(21) PCT/JP2004/005938

- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-120639 24 Apr/avr 2003 JP (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF ACCUMULATING ALLERGEN-SPECIFIC T CELL ANTIGEN DETERMINANT IN PLANT AND PLANT HAVING THE ANTIGEN DETERMINANT ACCUMULATED THEREIN
- PROCEDE D'ACCUMULATION DE DETERMINANT D'ANTIGENES LY SPECIFIQUES D'ALLERGENES DANS UNE PLANTE ET PLANTE COMPRENANT LE DETERMINANT D'ANTIGENES ACCUMULES
- (71) NATIONAL INSTITUTE OF AGRO-BIOLOGICAL SCIENCES [JP/JP]; 1-2, Kannondai 2-chome, Tsukuba-shi, Ibaraki, 3058602 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKAIWA, Fumio [JP/JP]; c/o National Institute of Agrobiological Sciences, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki, 3058602 (JP). TAKAGI, Hidenori [JP/JP]; c/o National Institute of Agrobiological Sciences, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki, 3058602 (JP).
- (74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki, 3000847 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/12, C07K 14/47, 16/18, G01N 33/53, C12Q 1/68, A61K 39/00, A61P 9/00
- (11) WO 2004/094638 (13) A1
- (21) PCT/JP2004/005729
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ja (26) ja
- (30) 2003-116265 21 Apr/avr 2003 JP (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VASCULITIS ANTIGEN AND METHOD OF DIAGNOSING VASCULITIS
- ANTIGENE DE LA VASCULITE ET TECHNIQUE DE DIAGNOSTIC DE VASCULITE
- (71) ST. MARIANNA UNIVERSITY SCHOOL OF MEDICINE [JP/JP]; 2-16-1, Sugao, Miyamae-ku, Kawasaki-shi, Kanagawa, 2168511 (JP). MEDICAL AND BIOLOGICAL LABORATORIES CO., LTD. [JP/JP]; Sumitomo-shoji Marunouchi Bldg.5F 5-10, Marunouchi 3-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KATO, Tomohiro [JP/JP]; c/o Institute of Medical Science, St. Marianna University School of Medicine, 2-16-1, Sugao, Miyamae-ku, Kawasaki-shi, Kanagawa, 2168512 (JP). NISHIOKA, Kusuki [JP/JP]; c/o Institute of Medical Science, St. Marianna University School of Medicine, 2-16-1, Sugao, Miyamae-ku, Kawasaki-shi, Kanagawa, 2168512 (JP). OZAKI, Shoichi [JP/JP]; c/o Division of Rheumatology and Allergy, St. Marianna University School of Medicine, 2-16-1, Sugao, Miyamae-ku, Kawasaki-shi, Kanagawa, 2168512 (JP).
- (74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 3000847 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N 15/62
- (11) WO 2004/094639 (13) A2
- (21) PCT/IB2004/001583
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 0309345.7 24 Apr/avr 2003 GB (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A RECOMBINANT ALLERGEN
- ALLERGENE RECOMBINANT
- (71) CLINOVAATION [SE/SE]; Parksätravägen 23, S-181 61 Lidingö (SE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GRÖNLUND, Hans [SE/SE]; Parksätravägen 23, S-181 61 Lidingö (SE). VAN HAGE-HAMSTEN, Marianne [SE/SE]; Igelkottsvägen 26, S-167 56 Bromma (SE).
- (74) ELKINGTON and FIFE; Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> C12N 15/85
- (11) WO 2004/094640 (13) A1
- (21) PCT/US2003/039244
- (22) 11 Dec/déc 2003 (11.12.2003)
- (25) en (26) en
- (30) 60/462,953 15 Apr/avr 2003 US (15.04.2003)
- (30) 60/465,215 24 Apr/avr 2003 US (24.04.2003)
- (30) 60/469,488 9 May/mai 2003 US (09.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • AVIAN TRANSGENESIS USING A CHICKEN OVALBUMIN GENE REGION
- TRANSGENESE AVIAIRE UTILISANT UNE REGION DU GENE DE L'OVALBUMINE DU POULET
- (71) UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. [US/US]; Boyd Graduate Studies Research Center, Athens, GA 30602-7411 (US).
- (72) IVARIE, Robert; 54 Jackson Street, Watkinsville, GA 30677 (US). LEAVITT, Markley, C.; 1140 Latham Drive, Watkinsville, GA 30677 (US). KARNUAH, Arthur, B.; 125 Chateau Terrace, #2, Athens, GA 30606 (US). RAPP, Jeff; 265 Pinewood Circle, Athens, GA 30606 (US). CHRISTMANN, Leandro; 1311 Victoria Road, Watkinsville, GA 30677 (US).



- (74) HAYZER, David, J.; Womble Carlyle Sandridge & Rice, PLLC, P.O. Box 7037, Atlanta, GA 30357-0057 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C12N 15/85
- (11) WO 2004/094641 (13) A2
- (21) PCT/US2004/011452
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 60/463,364 16 Apr/avr 2003 US (16.04.2003)
- (30) 60/501,340 9 Sep/sep 2003 US (09.09.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A NOVEL METHOD OF MODULATING BONE-RELATED ACTIVITY
- NOUVEAU PROCÉDE DE MODULATION DE L'ACTIVITÉ LIÉE À L'OS
- (71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BODINE, Peter, Van Nest [US/US]; 1742 Academy Lane, Havertown, PA 19083 (US). BILLIARD, Julia [US/US]; 50 N. Grange Avenue, Collegeville, PA 19426 (US).
- (74) SHOARINEJAD, Fariba et al. / etc.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/861
- (11) WO 2004/094643 (13) A1
- (21) PCT/JP2003/014760
- (22) 19 Nov/nov 2003 (19.11.2003)
- (25) ja (26) ja
- (30) 2003-113578 18 Apr/avr 2003 JP (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NOVEL COSMID VECTOR
- NOUVEAU COSMIDE VECTEUR
- (71) SUMITOMO PHARMACEUTICALS CO., LTD. [JP/JP]; 2-8, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8510 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) SAITO, Izumu [JP/JP]; 4-2-10-1001, Shirokanedai, Minato-ku, Tokyo 108-0071 (JP).
- (72, 75) SAITO, Yumi [JP/JP]; 4-2-10-1001, Shirokanedai, Minato-ku, Tokyo 108-0071 (JP).
- (74) ISOBE, Yutaka; c/o Intellectual Property Department, SUMITOMO PHARMACEUTICALS CO., LTD., 1-98, Kasugadenaka 3-chome, Konohana-ku, Osaka-shi, Osaka 554-0022 (JP).
- (81) CA JP US.
- Published / Publiée : (n)
- Declarations / Déclarations :  
(v) for all designations / pour toutes les désignations; (v) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> C12P
- (11) WO 2004/094644 (13) A2
- (21) PCT/US2004/011817
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 60/463,819 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VIBRIO CHOLERAEE PROTEINS EXPRESSED DURING INFECTION
- PROTEINES DE <I>VIBRIO CHOLERAEE</I> EXPRIMÉES PENDANT L'INFECTION
- (63) US 60/463,819 (CIP)  
17 Apr/avr 2003 (17.04.2003)
- (71) THE GENERAL HOSPITAL CORPORATION [US/US]; 55 Fruit Street, Boston, MA 02114 (US). UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INC. [US/US]; P.O. Box 115500, Gainesville, FL 32611-5500 (US). IVIGENE CORPORATION [US/US]; 12085 Research Drive, Alachua, FL 32615 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CALDERWOOD, Stephen, B. [US/US]; 6 Pilgrim Road, Wellesley, MA 02181 (US). HANG, Long [CN/US]; Massachusetts General Hospital, Division of Infectious Disease, 55 Fruit Street, Boston, MA 02114 (US). JOHN, Manohar [IN/US]; Massachusetts General Hospital, Division of Infectious Disease, 55 Fruit Street, Boston, MA 02114 (US). RYAN, Edward, T. [US/US]; 10 Arnold Road #213, Quincy, MA 02171 (US). PROGULSKE-FOX, Ann [US/US]; 6392 County Road 214, Keystone Heights, FL 32656-9330 (US). HANDFIELD, Martin [CA/US]; 9222 SW 41st Lane, Gainesville, FL 32608 (US). HILLMAN, Jeffrey, D. [US/US]; 5424 Southwest 26th Place, Gainesville, FL 32608 (US). ASADUZZAMAN, Muhammad [BD/BD]; International Centre for Diarrhoeal Disease Research, Mohakhalai Dhaka 1212 (BD).
- (74) FRASER, Janis, K., D., J., D.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12N 15/86
- (11) WO 2004/094642 (13) A2
- (21) PCT/IT2004/000227
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en

(51)<sup>7</sup> C12P 17/18, C07D 498/22, C12R 1/465

(11) WO 2004/094645 (13) A1

(21) PCT/EP2004/004127

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 03009172.2 22 Apr/avr 2003 EP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROCESS FOR THE RECOVERY OF  
STAUROSPORINE FROM A FERMENTATION  
BROTH• PROCEDE DE RECUPERATION DE  
STAUROSPORINE A PARTIR D'UN  
BOUILLON DE FERMENTATION(71) LONZA AG [CH/CH]; Münchensteiner-  
strasse 38, CH-4052 Basel (CH).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) EYER, Kurt [CH/CH]; Terbinerstrasse  
1a, CH-3930 Visp (CH). KALBERMAT-  
TEN, Georges [CH/CH]; Stapfa, CH-3938  
Ausserberg (CH). RODUIT, Jean-Paul  
[CH/CH]; Rue Pré-Fleuri 12, CH-1950 Sion  
(CH). WELIG, Allan [CH/CH]; Wyl,  
CH-3986 Ried-Mörel (CH).(74) LONZA AG; Münchensteinerstrasse 38,  
CH-4052 Basel (CH).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

*(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(u) for / pour US only / seulement*(51)<sup>7</sup> C12P 19/28, 19/00, 19/04, 19/14, C07H  
19/048, 19/02, 15/00

(11) WO 2004/094646 (13) A1

(21) PCT/US2004/011797

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/464,481 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • XYLOGLUCAN CONJUGATES USE-  
FUL FOR MODIFYING CELLULOSIC  
TEXTILES• CONJUGUES DE XYLOGLUCANE  
UTILISES POUR MODIFIER DES TEX-  
TILES CELLULOSIQUES(71) UNIVERSITY OF GEORGIA RE-  
SEARCH FOUNDATION, INC. [US/US];  
DW Brooks Drive, Athens, GA 30602 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) ALBERSHEIM, Peter [US/US]; 1575  
Morton Road, Athens, GA 30605 (US).  
DARVILL, Alan [US/US]; 1040 Shady  
Creek Court, Bogart, GA 30622 (US).  
HEISS, Christian [DE/US]; 337 Tim-  
ber Ridge Drive, Athens, GA 30607 (US).  
PERKINS, Warren [US/US]; 145 River Run  
Drive, Vance, SC 29163 (US). HARDIN, Ian  
[US/US]; 126 Deertree Drive, Athens, GA  
30605 (US). YORK, William [US/US]; 184  
Holly Hills Court, Athens, GA 30606 (US).(74) YOO-WARREN, Heeja et al. / etc.; Green-  
lee, Winner and Sullivan P.C., 5370 Man-  
hattan Circle, Suite 201, Boulder, CO 80303  
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C12Q

(11) WO 2004/094647 (13) A2

(21) PCT/US2004/011915

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,649 18 Apr/avr 2003 US  
(18.04.2003)(30) 60/463,662 18 Apr/avr 2003 US  
(18.04.2003)(30) 60/484,749 7 Jul/juil 2003 US  
(07.07.2003)(30) 60/484,750 7 Jul/juil 2003 US  
(07.07.2003)(30) 60/532,665 29 Dec/déc 2003 US  
(29.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS OF TREATING DISEASES  
RESPONSIVE TO INDUCTION OF  
APOPTOSIS AND SCREENING AS-  
SAYS• PROCEDES POUR TRAITER DES MA-  
LADIES ENTRAINANT L'INDUCTION  
D'APOPTOSE ET ESSAIS DE CRI-  
BLAGE(71) CYTOVIA, INC. [US/US]; 6650 Nancy  
Ridge Drive, San Diego, CA 92121 (US).*(for all designated States except / pour tous  
les États désignés sauf US)*(71, 72) KASIBHATLA, Shailaja [US/US];  
13073 Dressage Lane, San Diego, CA 92130  
(US). CAI, Sui Xiong [US/US]; 3623 Berry-  
field Court, San Diego, CA 92130 (US).  
TSENG, Ben [US/US]; 13255 Capstone  
Drive, San Diego, CA 92130 (US). JESSEN,  
Katayoun Alavi [US/US]; 12185 Chardon-  
nay Street, San Diego, CA 92131 (US).  
MALIARTCHOUK, Serguei [CA/US];  
9472 Compass Point Drive South, Unit 6, San  
Diego, CA 92126 (US). ENGLISH, Nicole,  
Marion [US/US]; 4816 Seda Drive, San  
Diego, CA 92124 (US). JIANG, Songchun  
[US/US]; 10512 Rancho Carmel Drive, San  
Diego, CA 92128 (US). SIRISOMA, Ni-  
lantha Sudath [LK/US]; 6156 Tamilynm  
Street, San Diego, CA 92122 (US). ZHANG,  
Han-Zhong [US/US]; 12683 Ragweed  
Street, San Diego, CA 92129 (US). KUEM-  
MERLE, Jared [US/US]; 13924 Recuerdo  
Drive, Del Mar, CA 92014 (US).(74) ESMOND, Robert, W. et al. / etc.; Sterne,  
Kessler, Goldstein & Fox P.L.L.C., 1100 New  
York Avenue, N.W., Washington, DC 20005  
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

*(u) for / pour US only / seulement*(51)<sup>7</sup> C12Q

(11) WO 2004/094648 (13) A2

(21) PCT/US2004/011916

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,687 18 Apr/avr 2003 US  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS OF TREATING DISEASES  
RESPONSIVE TO INDUCTION OF  
APOPTOSIS AND SCREENING AS-  
SAYS• METHODES DE TRAITEMENT DE  
MALADIES SENSIBLES A UNE IN-  
DUCTION DE L'APOPTOSE ET ANA-  
LYSES DE CRIBLAGE(71) CYTOVIA, INC. ET AL. [US/US]; 6650  
Nancy Ridge Drive, San Diego, CA 92121  
(US).*(for all designated States except / pour tous  
les États désignés sauf US)*(71, 72) KASIBHATLA, Shailaja [US/US];  
13073 Dressage Lane, San Diego, CA  
92130 (US). CAI, Sui, Xiong [US/US];  
3623 Berryfield Court, San Diego, CA

92130 (US). **TSENG, Ben** [US/US]; 13255 Capstone Drive, San Diego, CA 92130 (US). **JESSEN, Katayoun, Alavi** [US/US]; 12185 Chardonnay Street, San Diego, CA 92131 (US). **MALIARTCHOUK, Serguei** [CA/US]; 9472 Compass Point Drive, South, Unit 6, San Diego, CA 92126 (US). **ENGLISH, Nicole, Marion** [US/US]; 4816 Seda Drive, San Diego, CA 92124 (US). **KUEMERLE, Jared** [US/US]; 13924 Recuerdo Drive, Del Mar, CA 92014 (US). **KEMNITZER, William, E.** [US/US]; 712 Hayes Street, Irvine, CA 92620 (US). **ZHANG, Han-Zhong** [US/US]; 12683 Ragweed Street, San Diego, CA 92129 (US).

(74) **ESMOND, Robert, W.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)<sup>7</sup> C12Q

(11) **WO 2004/094649** (13) A2

(21) PCT/US2004/011920

(22) **7 Apr/avr 2004 (07.04.2004)**

(25) en (26) en

(30) 10/419,039 **18 Apr/avr 2003** US (18.04.2003)

(30) 60/527,001 **5 Dec/déc 2003** US (05.12.2003)

(30) 10/749,119 **30 Dec/déc 2003** US (30.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TOLERANCE TO GRAFT FOLLOWING THYMIC REACTIVATION  
• TOLERANCE AU TRANSPLANT SUITE A LA REACTIVATION THYMIQUE

(71) **NORWOOD IMMUNOLOGY, LTD.** [AU/AU]; 63 Wells Road, Chelsea Heights, 3196 Victoria (AU).  
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(72, 75) **BOYD, Richard** [AU/AU]; 60 Linacre Road, Hampton, 3188 Victoria (AU).

(74) **KERNER, PH., D., Ann-Louise** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) **WO 2004/094650** (13) A2

(21) PCT/US2004/011997

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 10/419,310 **18 Apr/avr 2003** US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYNTHESIS OF LABELED METABOLITES  
• SYNTHÈSE DE METABOLITES ETIQUETTES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).

(72) **MARTINEZ, Rodolfo, A.**; 1 Juego Road, Santa Fe, NM 87506 (US). **SILKS, Louis, A., III**; 325 Donna Ave., Los Alamos, NM 87544 (US). **UNKEFER, Clifford, J.**; 2 Jemez Lane, Los Alamos, NM 87544 (US). **ATCHER, Robert**; 482 Brighton Loop, White Rock, NM 87544 (US).

(74) **COTTRELL, Bruce, H.** et al. / etc.; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) **WO 2004/094651** (13) A2

(21) PCT/US2004/012049

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 60/463, 700 **18 Apr/avr 2003** US (18.04.2003)

(30) 60/467, 203 **2 May/mai 2003** US (02.05.2003)

(30) 60/476, 609 **9 Jun/juin 2003** US (09.06.2003)

(30) 60/476, 632 **9 Jun/juin 2003** US (09.06.2003)

(30) 60/485, 325 **8 Jul/juil 2003** US (08.07.2003)

(30) 60/485, 359 **8 Jul/juil 2003** US (08.07.2003)

(30) 60/486, 960 **15 Jul/juil 2003** US (15.07.2003)

(30) 60/493, 370 **8 Aug/août 2003** US (08.08.2003)

(30) 60/493, 332 **8 Aug/août 2003** US (08.08.2003)

(30) 60/505, 059 **24 Sep/sep 2003** US (24.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOVEL HUMAN POLYPEPTIDES ENCODED BY POLYNUCLEOTIDES  
• NOUVEAUX POLYPEPTIDES HUMAINS CODES PAR DES POLYNUCLEOTIDES

(71) **FIVE PRIME THERAPEUTICS, INC.** [US/US]; 951 Gateway Boulevard, South San Francisco, CA 94080 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Ernestine** [US/US]; 226 Arlington Avenue, Kensington, CA 94707 (US). **HESTIR, Kevin** [US/US]; 226 Arlington Avenue, Kensington, CA 94707 (US). **CHU, Keting**; 2017 Easton Drive, Burlingame, CA 94010 (US). **KAMIYA, Mamoru** [JP/JP]; 3-35, Mita 1-chome, Minato-ku, Tokyo (JP). **HAYASHIZAKI, Yoshihide** [JP/JP]; 311 Koyadai, Tsukuba, Ibaraki (JP). **MASUOKA, Lorianne** [US/US]; 5230 Shafter Avenue, Oakland, CA 94618-1051 (US). **WILLIAMS, Lewis, Thomas** [US/US]; 125 Chapel Drive, Mill Valley, CA 94941 (US).

(74) **GARRETT, Arthur, S.**; Finnegan Henderson Farabow, Garrett & Dunner LLP, 1300 I Street, N.W., Washington, D.C. 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

(11) **WO 2004/094652** (13) A2

(21) PCT/US2004/012253

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 60/464,510 **22 Apr/avr 2003** US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ZINC-BASED SCREENING TEST AND KIT FOR EARLY DIAGNOSIS OF PROSTATE CANCER

• TEST DE DEPISTAGE A BASE DE ZINC ET KIT POUR EFFECTUER UN

## DIAGNOSTIC PRECOCE DU CANCER DE LA PROSTATE

- (71) **NEUROBIOTEX, INC.** [US/US]; 101 Christopher Columbus Blvd., Galveston, TX 77550 (US).
- (72) **FREDERICKSON, Christopher**; 101 christopher Colombus Blvd., Galveston, TX 77550 (US).
- (74) **ADLER, Benjamin, A.**; Adler & Associates, 8011 Candle Lane, Houston, TX 77071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

- (11) **WO 2004/094653** (13) A2
- (21) PCT/US2004/012467
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 60/465,019 **22 Apr/avr 2003 US (22.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DIFFERENTIAL TAG LENGTH ANALYSIS OF CELL PROLIFERATION
- ANALYSE DIFFERENTIELLE DE LA LONGUEUR DES MARQUEURS DE LA PROLIFERATION CELLULAIRE
- (71) **IRM LLC** [US/—]; P.O. Box HM 2899, Hamilton, HM LX (BM).  
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- (72, 75) **SUPEK, FRANTISEK** [SK/US]; 12475 Ruelle Alliante, San Diego, CA 92130 (US).  
**GEKAKIS, Nick** [US/US]; 4152 Federman Lane, San Diego, CA 92130 (US).
- (74) **FANG, Carol, A. et al. / etc.**; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C12Q

- (11) **WO 2004/094654** (13) A2
- (21) PCT/US2004/012602
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 60/464,434 **22 Apr/avr 2003 US (22.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TRANSFECTION KINETICS AND STRUCTURAL PROMOTERS
- CINETIQUE DE TRANSFECTION ET PROMOTEURS STRUCTURAUX
- (71) **NUCLEONICS, INC.** [US/US]; 14 Spring Mill Drive, Malvern, PA 19355 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PACHUK, Catherine, J.** [US/US]; 3212 New Park Circle, Lansdale, PA 19446 (US).  
**SATISHCHANDRAN, C.** [US/US]; 605 Shepard Drive, Lansdale, PA 19446 (US).
- (74) **BIEKER-BRADY, Kristina**; Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110-1817 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q

- (11) **WO 2004/094655** (13) A2
- (21) PCT/US2004/000819
- (22) **14 Jan/jan 2004 (14.01.2004)**
- (25) en (26) en
- (30) PCT/US03/11393 **11 Apr/avr 2003 US (11.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MODULATION OF TELOMERE-INITIATED CELL SIGNALING
- MODULATION DE SIGNALISATION CELLULAIRE INITIEE PAR TELOMERE
- (71) **TRUSTEES OF BOSTON UNIVERSITY** [US/US]; One Sherborn Street, Boston, MA 02215 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GILCHREST, Barbara, A.** [US/US]; 67 Walnut Place, Brookline, MA 02146 (US).  
**ELLER, Mark** [US/US]; 49 Warren Avenue, No. 4, Boston, MA 02116 (US).
- (74) **CLOUGH, David, W. et al. / etc.**; Howrey Simon Arnold & White, LLP, Box 34, 1299 Pennsylvania Avenue, N.W., Washington, D.C. 20004-2402 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C12Q 1/04, 1/48, 1/00

- (11) **WO 2004/094656** (13) A1
- (21) PCT/GB2004/001647
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 0308829.1 **17 Apr/avr 2003 GB (17.04.2003)**
- (30) 60/436.323 **17 Apr/avr 2003 US (17.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ASSAY FOR DETECTING MYCOPLASMA BY MEASURING ACETATE KINASE OR CARBAMA KINASE ACTIVITY
- ANALYSE PERMETTANT DE DETECTER LA PRESENCE DE MYCOPLASME PAR MESURE DE L'ACTIVITE D'ACETATE KINASE OU DE CARBAMATE KINASE
- (71) **CAMBREX BIO SCIENCE NOTTINGHAM LIMITED** [GB/GB]; BioCity Nottingham Ltd, Pennyfoot Street, Nottingham NG1 1FG (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PITT, Anthony** [GB/GB]; 25 Henry Road, Beeston, Nottingham NG9 2BE (GB).  
**CROUCH, Sharon, Patricia, Mary** [GB/GB]; Lenton Lodge, 13 Lenton Road, Nottingham (GB).  
**SLATER, Kevin, John** [GB/GB]; 23A Cavendish Crescent South, The Park, Nottingham NG7 1ED (GB).  
**COX, Anne** [GB/GB]; 1 Milldale Road, Long Eaton, Nottingham (GB).

- (74) **THOMAS, Philip**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> C12Q 1/06, B01L 3/00  
(11) WO 2004/094657 (13) A1  
(21) PCT/US2004/011608  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 10/417,763 17 Apr/avr 2003 US (17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • APPARATUS AND METHOD FOR TESTING LIQUID SAMPLES  
• APPAREIL ET PROCÉDÉ D'ANALYSE D'ÉCHANTILLONS LIQUIDES  
(71) IDEXX LABORATORIES, INC. [US/US]; One Idexx Drive, Westbrook, ME 04092 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) GOLDMAN, Ross, Bryan [US/US]; 4 Bornheimer Place, Scarborough, ME 04074 (US). TOWNSEND, David, Edward [US/US]; 71 Johnson Road, Falmouth, ME 04105 (US). SMITH, Kenneth, E. [US/US]; P.O. Box 1292, Saco, ME 04072 (US). MCCARTHY, Kathleen, R. [US/US]; 31 Naragansett Trail, Buxton, ME 04072 (US).  
(74) FARRELL, Raymond, E.; Carter, DeLuca, Farrell & Schmidt, LLP, Suite 225, 445 Broad Hollow Road, Melville, NY 11747 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)<sup>7</sup> C12Q 1/42, C07F 9/09  
(11) WO 2004/094658 (13) A2  
(21) PCT/US2004/007897  
(22) 16 Mar/mar 2004 (16.03.2004)  
(25) en (26) en  
(30) 60/463,317 17 Apr/avr 2003 US (17.04.2003)

- (30) 60/487,935 18 Jul/juil 2003 US (18.07.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • FLUORESCENT SUBSTRATES FOR DETECTING ORGANOPHOSPHATASE ENZYME ACTIVITY  
• SUBSTRATS FLUORESCENT PERMETTANT DE DETECTER UNE ACTIVITE D'ENZYME ORGANOPHOSPHATASE  
(71) AMERICAN RED CROSS [US/US]; 15601 Crabbs Branch Way, Rockville, MD 20855 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) SOUKHAREV, Serguei [RU/US]; 7421 Mahaska Drive, Derwood, MD 20855 (US). HAMMOND, David [GB/US]; 4916 Ripplemead Court, Laytonsville, MD 20882 (US).

- (74) FOLEY & LARDNER LLP; Washington Harbour, 3000 K Street, NW, Suite 500, Washington, DC 20007-5143 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> C12Q 1/68  
(11) WO 2004/094659 (13) A1  
(21) PCT/EP2004/004178  
(22) 20 Apr/avr 2004 (20.04.2004)  
(25) en (26) en  
(30) 60/464,372 21 Apr/avr 2003 US (21.04.2003)  
(30) 60/526,689 2 Dec/déc 2003 US (02.12.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ASSOCIATIONS OF POLYMORPHISMS IN THE FRZB GENE WITH OBESITY AND OSTEOPOROSIS  
• LIENS ENTRE DES POLYMORPHISMES DANS LE GENE FRZB ET L'OBESITE ET L'OSTEOPOROSE  
(71) ROCHE DIAGNOSTICS GMBH [DE/DE]; Sandhofer Strasse 116, 68305 Mannheim (DE).  
*(only for / seulement pour DE)*  
(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).  
*(for all designated States except / pour tous les États désignés sauf DE)*

- (72, 75) HIGUCHI, Russell, Gene [US/US]; 3258 Liberty Avenue, Alameda, CA 94501 (US). PELTZ, Gary, Allen [US/US]; 110 Danbury Lane, Redwood City, CA 94061 (US). FIJAL, Bonnie [US/US]; 59 Taurus Drive #3B, Hillsborough, NJ 08844 (US).

RO, Sunhee, Kwon [KR/US]; 635 Greenwich Lane, Foster City, CA 94404 (US). LI, Jia [US/US]; 32801 Regents Boulevard, Union City, CA 94587 (US).

- (74) ROCHE DIAGNOSTICS GMBH; Patent Department, 68298 Mannheim (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (i) for the following designation / pour la désignation suivante : DE  
(u) for / pour US only / seulement

- (51)<sup>7</sup> C12Q 1/68  
(11) WO 2004/094660 (13) A2  
(21) PCT/FR2004/000933  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) fr (26) fr  
(30) 03/04771 16 Apr/avr 2003 FR (16.04.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)  
(54) • GENE DPYSL3 OF PSORIASIS  
• GENE DPYSL3 DU PSORIASIS

(71) GALDERMA RESEARCH & DEVELOPMENT, S.N.C. [FR/FR]; 635, route des Lucioles, Quartier des Clausonnes, F-06560 Valbonne Sophia Antipolis (FR).  
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(72, 75) TRINQUET, Valérie [FR/FR]; Résidence Le moustié - Bat A2, 910 Chemin des Ames du Purgatoire, F-06600 Antibes (FR). ROSSIO, Patricia [FR/FR]; Villa Soana, Allée du Panorama, F-06130 Plas Cassier (FR). FOGEL, Paul [FR/FR]; 4, rue Le Goff, F-75005 Paris (FR).

(74) ANDRAL, Christophe; L'Oréal, 25-29 Quai Aulagnier, F-92600 Asnières (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12Q 1/68

(11) WO 2004/094661 (13) A2

(21) PCT/FR2004/000934

(22) 15 Apr/avr 2004 (15.04.2004)

(25) fr (26) fr

(30) 03/04773 16 Apr/avr 2003 FR  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • FANCC, DAD1, GRIM19 AND HADHII  
GENES OF PSORIASIS

- GENES FANCC, DAD1, GRIM19 ET  
HADHII DU PSORIASIS

- (71) GALDERMA RESEARCH & DEVEL-  
OPMENT, S.N.C. [FR/FR]; 635, route des  
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- (72, 75) TRINQUET, Valérie [FR/FR]; Rési-  
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Goff, F-75005 Paris (FR).

- (74) ANDRAL, Christophe; L'Oréal, 25-29 Quai  
Aulagnier, F-92600 Asnières (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12Q 1/68

(11) WO 2004/094662 (13) A2

(21) PCT/FR2004/000963

(22) 19 Apr/avr 2004 (19.04.2004)

(25) fr (26) fr

(30) 0304893 18 Apr/avr 2003 FR  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHOD OF PREPARING DNA FRAG-  
MENTS BY SELECTIVE FRAGMENTA-  
TION OF NUCLEIC ACIDS AND  
APPLICATIONS THEREOF

- PROCEDE DE PREPARATION DE  
FRAGMENTS D'ADN PAR FRAGMENTA-  
TION SELECTIVE D'ACIDES NU-  
CLEIQUES ET SES APPLICATIONS.

- (71) COMMISSARIAT A L'ENERGIE  
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- (72, 75) BRACHET, Anne-Gaëlle [FR/FR];  
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Grenoble (FR).

- (74) CABINET ORES; 36 rue de St Pétersbourg,  
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- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12Q 1/68

(11) WO 2004/094663 (13) A2

(21) PCT/GB2004/001665

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308852.3 16 Apr/avr 2003 GB  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHOD FOR IDENTIFYING CHAR-  
ACTERISTICS OF MOLECULES

- PROCEDE POUR IDENTIFIER LES CA-  
RACTERISTIQUES DE MOLECULES

- (71) LINGVITAE AS [NO/NO]; Trimveien 6,  
A562, N-0372 Oslo (NO).

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les États désignés sauf US)

- (71) JAPPY, John, William, Graham [GB/GB];  
Gill Jennings & Every, Broadgate House, 7  
Eldon Street, London EC2M 7LH (GB).  
(only for / seulement pour AG)

- (72, 75) LEXOW, Preben [NO/NO]; LingVitae  
AS, Trimveien 6, A562, N-0372 Oslo (NO).  
RAGNHILDSTVEIT, Erlend [NO/NO];  
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Oslo (NO).

- (74) GILL JENNINGS & EVERY; Broadgate  
House, 7 Eldon Street, London EC2M 7LH  
(GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C12Q 1/68

(11) WO 2004/094664 (13) A1

(21) PCT/GB2004/001673

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308851.5 16 Apr/avr 2003 GB  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHOD FOR CHARACTERISING  
POLYNUCLEOTIDES

- PROCEDE DE CARACTERISATION DE  
POLYNUCLEOTIDES

- (71) LINGVITAE AS [NO/NO]; Trimveien 6,  
A562, N-0372 Oslo (NO).

(for all designated States except / pour tous  
les États désignés sauf US)

- (71) JAPPY, John, William, Graham [GB/GB];  
Gill Jennings & Every, Broadgate House, 7  
Eldon Street, London EC2M 7LH (GB).  
(only for / seulement pour AG)

- (72, 75) LEXOW, Preben [NO/NO]; LingVitae  
AS, Trimveien 6, A562, N-0372 Oslo (NO).  
RAGNHILDSTVEIT, Erlend [NO/NO];  
LingVitae AS, Trimveien 6, A562, N-0372  
Oslo (NO).

- (74) GILL JENNINGS & EVERY; Broadgate  
House, 7 Eldon Street, London EC2M 7LH  
(GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> C12Q 1/68, A61K 35/60

(11) WO 2004/094665 (13) A1

(21) PCT/GB2004/001721

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,336 22 Apr/avr 2003 US  
(22.04.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INFLUENCE OF GENOTYPE ON SUSCEPTIBILITY TO TREATMENT WITH FISH OIL
- INFLUENCE DE GENOTYPE POUR UNE PREDISPOSITION A UN TRAITEMENT A L'HUILE DE POISSON

(71) UNIVERSITY OF SOUTHAMPTON [GB/GB]; Highfield, Southampton, Hampshire SO17 1BJ (GB).  
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- (72, 75) GRIMBLE, Robert Francis [GB/GB]; University of Southampton, Highfield, Southampton, Hampshire SO17 1BJ (GB). CALDER, Philip Charles [NZ/GB]; University of Southampton, Highfield, Southampton, Hampshire SO17 1BJ (GB). HOWELL, William Martin [GB/GB]; University of Southampton, Highfield, Southampton, Hampshire SO17 1BJ (GB).

(74) SUTCLIFFE, Nicholas et al. / etc.; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> C12Q 1/68
- (11) WO 2004/094666 (13) A1
- (21) PCT/GB2004/001766
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) en (26) en
- (30) 0309350.7 24 Apr/avr 2003 GB (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • ALLELE-SPECIFIC MUTATION DETECTION ASSAY
- ESSAIS DE DETECTION DE MUTATIONS PROPRES AUX ALLELES

(71) DZIEGLEWSKA, Hanna [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).  
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(71, 72) AHMADIAN, Afshin [SE/SE]; KTH, Royal Institute of Technology, AlbaNova University Center, Dept of Biotechnology, Roslagstullsbacken 21, S-106 91 Stockholm (SE). LUNDEBERG, Joakim [SE/SE]; KTH, Royal Institute of Technology, AlbaNova University Center, Dept of Biotechnology, Roslagstullsbacken 21, S-106 91 Stockholm (SE).

(74) DZIEGLEWSKA, Hanna; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> C12Q 1/68
- (11) WO 2004/094667 (13) A2
- (21) PCT/SG2004/000103
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 60/464,115 21 Apr/avr 2003 US (21.04.2003)
- (30) 60/464,345 22 Apr/avr 2003 US (22.04.2003)
- (30) 60/464,643 23 Apr/avr 2003 US (23.04.2003)
- (30) 60/464,965 24 Apr/avr 2003 US (24.04.2003)
- (30) 60/496,016 19 Aug/août 2003 US (19.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • REAGENTS AND METHODS FOR DETECTING SEVERE ACUTE RESPIRATORY SYNDROME CORONAVIRUS
- REACTIFS ET METHODES PERMETTANT DE DETECTER LE CORONAVIRUS RESPONSABLE DU SYNDROME RESPIRATOIRE AIGU SEVERE

(71) GENOME INSTITUTE OF SINGAPORE [SG/SG]; 60 Biopolis Street, Genome #02-01, Singapore 138672 (SG).  
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(72, 75) REN, Ee Chee [MY/SG]; 62 Greenleaf View, Singapore 279301 (SG). HIBBERD, Martin, L. [GB/SG]; 1 Holland Avenue #04-05, Willyntonville, Singapore 278965 (SG). NG, Lisa Fong Poh [SG/SG]; Blk 10B #22-06 Braddell View, Singapore 579721 (SG).

(74) DREW & NAPIER LLC; 20 Raffles Place, #17-00 Ocean Towers, Singapore 048620 (SG).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> C12Q 1/68, G01N 33/543
- (11) WO 2004/094668 (13) A2
- (21) PCT/US2004/011885
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 10/419,020 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • OLIGONUCLEOTIDE PAIRS FOR MULTIPLEXED BINDING ASSAYS
- PAIRES D'OLIGONUCLEOTIDES POUR IMMUNODETECTION MULTIPLEXEE OLIGONUCLEOTIDE PAIRS FOR MULTIPLEXED BINDING ASSAYS

(71) BECKMAN COULTER, INC. [US/US]; 4300 North Harbor Boulevard, P.O. Box 3100, Fullerton, CA 92834-3100 (US).  
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(74) KARISH, Marc et al. / etc.; SHELDON & MAK PC, 225 South Lake Avenue, 9th Floor, Pasadena, CA 91101 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VV VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> C12Q 1/68
- (11) WO 2004/094669 (13) A1
- (21) PCT/US2004/012308
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 10/420,575 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • ARRAYS COMPRISING BIOPOLYMERIC TEST PROBES FOR TWO OR MORE DIFFERENT SPECIES AND METHODS FOR USING THE SAME
- RESEAUX COMPRENANT DES SONDES DE TEST BIOPOLYMERIQUES POUR DEUX OU PLUSIEURS ESPECES DIFFERENTES ET METHODES D'UTILISATION DE CES RESEAUX

- (71) **AGILENT TECHNOLOGIES, INC.** [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) **BASS, Jay, K.**; 500 Fox Hollow Drive, Kennett Square, PA 19348 (US). **SANA, Theodore, R.**; 1783 Lexington Avenue, San Mateo, CA 94402 (US). **COUGHLAN, Sean, J.**; 108 Stratton Drive, Hockessin, DE 19707 (US).
- (74) **STEWART, Gordon, M.**; Agilent Technologies, Inc., Legal Department DL429, IP Administration, P.O. Box 7599, Loveland, CO 80537-0599 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12Q 1/68
- (11) **WO 2004/094671** (13) A2
- (21) PCT/US2004/012788
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 60/464,586 **22 Apr/avr 2003 US (22.04.2003)**
- (30) 60/464,588 **22 Apr/avr 2003 US (22.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS AND PRODUCTS FOR IDENTIFICATION AND ASSESSMENT OF TLR LIGANDS
- PROCEDES ET PRODUITS POUR IDENTIFIER ET EVALUER DES LIGANDS DES TLR
- (71) **COLEY PHARMACEUTICAL GmbH** [DE/DE]; Elisabeth-Selbert-Strasse 9, D-40764 Langenfeld (DE). **COLEY PHARMACEUTICAL GROUP, INC.** [US/US]; 93 Worcester Street, Suite 101, Wellesley, MA 02481 (US).  
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- (72, 75) **VOLLMER, Jörg** [DE/DE]; Kohlruschweg 24, D-40591 Duesseldorf (DE). **JURK, Marion** [DE/DE]; Klosterstr. 4, D-41540 Dornagel (DE). **LIPFORD, Grayson, B.** [GB/US]; 38 Bates Road, Watertown, MA 02472 (US). **SCHETTER, Christian** [DE/DE]; Oerkhaushof 35, D-40723 Hilden (DE). **FORSBACH, Alexandra** [DE/DE]; Raiffeisenstrasse N°1, D-40764 Rantingen (DE). **KRIEG, Arthur, M.** [US/US]; 173 Winding River Road, Wellesley, MA 02482 (US).
- (74) **TREVISAN, Maria, A.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12Q 1/68, B01J 41/04
- (11) **WO 2004/094672** (13) A1
- (21) PCT/US2004/005803
- (22) **26 Feb/fév 2004 (26.02.2004)**
- (25) en (26) en
- (30) 10/417,609 **17 Apr/avr 2003 US (17.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS AND DEVICES FOR REMOVAL OF ORGANIC MOLECULES FROM BIOLOGICAL MIXTURES
- PROCEDES ET DISPOSITIFS DESTINES A ENLEVER DES MOLECULES ORGANIQUES DE MELANGES BIOLOGIQUES
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **PARTHASARATHY, Ranjani V.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **RASMUSSEN, Rusty A.**; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **SPRAGUE, Robert W., et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C12Q 1/68
- (11) **WO 2004/094673** (13) A2
- (21) PCT/US2004/006601
- (22) **5 Mar/mar 2004 (05.03.2004)**
- (25) en (26) en
- (30) 60/459,782 **3 Apr/avr 2003 US (03.04.2003)**
- (30) 60/538,246 **23 Jan/jan 2004 US (23.01.2004)**
- (30) 10/775,169 **11 Feb/fév 2004 US (11.02.2004)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS FOR MONITORING DRUG ACTIVITIES *IN VIVO*
- METHODES DE SURVEILLANCE D'ACTIVITES DE MEDICAMENTS <I>IN VIVO</I>
- (63) US 10/775,169 (CIP)  
11 Feb/fév 2004 (11.02.2004)
- (71) **WYETH** [US/US]; 5 Giralda Farms, Madison, NJ 07940 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **IMMERMAN, Fred** [US/US]; 194 Haverstraw Road, Suffern, NY 10901 (US).



- TREPICCHIO, William [US/US]; 21 Abbot Bridge Drive, Andover, MA 01810 (US).
- (72, 75) BURCZYNSKI, Michael, E. [US/US]; 71 Franklin Avenue, Swampscott, MA 01907 (US). BONI, Joseph [US/US]; 133 Eaton Drive, Wayne, PA 19087 (US). FITZPATRICK, Virginia [US/US]; 6 Embassy Circle, Norristown, PA 19403 (US). TWINE, Natalie, C. [US/US]; 379 Shirley Hill Road, Goffstown, NH 03045 (US). STOVER, Jennifer [US/US]; 146 Ipswich Road, Topsfield, MA 01983 (US). DORNER, Andrew [US/US]; 20 Baskin Road, Lexington, MA 02421 (US).
- (74) VAN DYKE, Raymond; Nixon Peabody LLP, 401 9th Street, N.W., Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C12Q 1/70
- (11) WO 2004/094675 (13) A2
- (21) PCT/US2004/011636
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 60/464,049 17 Apr/avr 2003 US (17.04.2003)
- (30) 60/465,428 25 Apr/avr 2003 US (25.04.2003)
- (30) 60/469,294 9 May/mai 2003 US (09.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITIONS AND METHODS FOR DETERMINING THE PRESENCE OF SARS CORONAVIRUS IN A SAMPLE
- COMPOSITIONS ET METHODES PERMETTANT DE DETERMINER LA PRESENCE DE CORONAVIRUS DU SRAS DANS UN ECHANTILLON
- (71) GEN-PROBE INCORPORATED [US/US]; 10210 Genetic Center Drive, San Diego, CA 92121 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINNEN, Jeffrey, M. [US/US]; 13228 Cooperage Court, Poway, CA 92064 (US). KACIAN, Daniel, L. [US/US]; 3911 Tabor Road, San Diego, CA 92124 (US). NELSON, Norman, C. [US/US]; 3639 Marlesta Drive, San Diego, CA 92111 (US). GETMAN, Damon, K. [US/US]; 14542 Garden Road, Poway, CA 92064 (US). VIJAYSRI, Sangeetha [IN/US]; 11681-8 Compass Pointe Drive North, San Diego, CA 92126 (US).
- (74) CAPPELLARI, Charles, B.; Gen-Probe Incorporated, 10210 Genetic Center Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C22B 3/00
- (11) WO 2004/094676 (13) A1
- (21) PCT/US2004/009545
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/463,330 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITION AND PROCESS FOR THE SOLVENT EXTRACTION OF METALS USING ALDOXIME OR KETOXIME EXTRACTANTS
- COMPOSITION ET PROCEDE D'EXTRACTION DE SOLVANT DE METAUX AU MOYEN DES AGENTS D'EXTRACTION D'ALDOXIME OU KETOXIME
- (71) CYTEC TECHNOLOGY CORP. [US/US]; 300 Delaware Avenue, Wilmington, DE 19801 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SODERSTROM, Matthew, Dean [US/US]; 9 Juniper Drive, Whitehouse Station, NJ 08889 (US).
- (74) WASSERMAN, Fran, S. et al. / etc.; Cytec Industries Inc., 1937 West Main Street, P.O. Box 60, Stamford, CT 06904-0060 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> C22B 3/22, C02F 1/62, 9/00, B01D 37/02
- (11) WO 2004/094677 (13) A1
- (21) PCT/FI2004/000242
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 20030612 23 Apr/avr 2003 FI (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR HANDLING WASTE MATERIAL GENERATED IN A METALLURGICAL PROCESS
- PROCEDE DE TRAITEMENT DE DECHETS PRODUITS DANS UN PROCESSUS METALLURGIQUE
- (71) OUTOKUMPU OYJ [FI/FI]; Riihitontuntie 7, FI-02200 Espoo (FI). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEHTINEN, Leena [FI/FI]; Jaakontie 20 as. 3, FI-28500 Pori (FI). JÄRVINEN, Aimo [FI/FI]; Poppelitie 11, FI-67200 Kokkola (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> C22C

(11) WO 2004/094678 (13) A2

(21) PCT/US2004/013715

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/419,713 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HARDFACING ALLOY, METHODS,  
AND PRODUCTS

• ALLIAGE DE RECHARGEMENT, PRO-  
CEDES ET PRODUITS ASSOCIES

(71) ATT TECHNOLOGY, LTD. d/b/a  
ARNCO TECHNOLOGY TRUST, LTD.  
[US/US]; 3657 Briarpark, Houston, TX  
77042-5205 (US).

(72) DAEMEN, Roger, A.; La Grande Tuilliere,  
F-26230 Grignan (FR). MOLINE, Keith, E.;  
14302 Scotney Castle, Houston, TX 77095  
(US).

(74) WEILER, James, F.; One Riverway, Suite  
1560, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C22C 21/00

(11) WO 2004/094679 (13) A1

(21) PCT/CA2004/000477

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/464,982 24 Apr/avr 2003 US  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ALLOYS FROM RECYCLED ALU-  
MINUM SCRAP CONTAINING HIGH  
LEVELS OF IRON AND SILICON

• ALLIAGES A BASE DE DÉCHETS  
D'ALUMINIUM RECYCLES A HAUTE  
TENEUR EN FER ET EN SILICIUM

(71) ALCAN INTERNATIONAL LIMITED  
[CA/CA]; 1188 Sherbrooke Street West,  
Montréal, Québec H3A 3G2 (CA).

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les États désignés sauf US)

(72, 75) FERREIRA, Adriano, M. P. [US/US];  
9 Primrose Path, Oswego, NY 13126 (US).  
NADKARNI, Sadashiv, K. [US/US]; 14  
Ledgerwood Drive, Bedford, MA 02421  
(US).

(74) EADES, Norris, M. et al. / etc.; KIRBY  
EADES GALE BAKER, Box 3432, Station  
D., Ottawa, Ontario K1P 6N9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> C22C 30/00, H01M 4/38

(11) WO 2004/094680 (13) A1

(21) PCT/US2004/008831

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/405,008 1 Apr/avr 2003 US  
(01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HYDROGEN STORAGE ALLOYS  
HAVING A HIGH POROSITY SUR-  
FACE LAYER

• ALLIAGES DE STOCKAGE  
D'HYDROGENE A COUCHE SUPER-  
FICIELLE A POROSITE ELEVEE

(71) OVONIC BATTERY COMPANY, INC.  
[US/US]; 1707 Northwood, Troy, MI 48084  
(US).

(72) FETCENKO, Michael, A.; 1513 Pondsicle  
Court, Rochester, MI 48307 (US). OVSHIN-  
SKY, Stanford, R.; 2700 Squirrel Road,  
Bloomfield Hills, MI 48304 (US). YOUNG,

Kwo; 4131 Morehead Drive, Troy, MI 48085  
(US). REICHMAN, Benjamin; 3740 Mac-  
nichol Trail, West Bloomfield, MI 48323  
(US). OUCHI, Taihei; 3737 Briarbrooke  
Lane, Rochester, MI 48306 (US). KOCH,  
John; 6150 Three Lakes Drive, Brighton, MI  
48116 (US). MAYS, William; 4001 Cheryll  
Drive, Commerce, MI 48382 (US).

(74) BRAY, Kevin, L. et al. / etc.; Energy Con-  
version Devices, Inc., 2956 Waterview Drive,  
Rochester Hills, MI 48309 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> C22C 38/00, 38/14, C21D 9/46

(11) WO 2004/094681 (13) A1

(21) PCT/JP2004/005743

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-115852 21 Apr/avr 2003 JP  
(21.04.2003)

(30) 2004-124154 20 Apr/avr 2004 JP  
(20.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH STRENGTH HOT-ROLLED  
STEEL PLATE

• TOLE D'ACIER LAMINE A CHAUD A  
HAUTE RESISTANCE

(71) JFE STEEL CORPORATION [JP/JP]; Hi-  
biya Kokusai Building, 2-3, Uchisaiwai-cho  
2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KARIYA, Nobusuke [JP/JP]; c/o Intel-  
lectual Property Dept., JFE STEEL COR-  
PORATION, 2-3, Uchisaiwai-cho 2-chome,  
Chiyoda-ku, Tokyo, 1000011 (JP). TAK-  
AGI, Shusaku [JP/JP]; c/o Intellectual Prop-  
erty Dept., JFE STEEL CORPORATION,  
2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku,  
Tokyo, 1000011 (JP). SHIMIZU, Tetsuo  
[JP/JP]; c/o Intellectual Property Dept.,  
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saiwai-cho 2-chome, Chiyoda-ku, Tokyo,  
1000011 (JP). MEGA, Tetsuya [JP/JP];  
c/o Intellectual Property Dept., JFE STEEL  
CORPORATION, 2-3, Uchisaiwai-cho  
2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).  
SAKATA, Kei [JP/JP]; c/o Intellectual Prop-  
erty Dept., JFE STEEL CORPORATION,  
2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku,  
Tokyo, 1000011 (JP). TAKAHASHI, Hi-  
roshi [JP/JP]; c/o Intellectual Property Dept.,  
JFE STEEL CORPORATION, 2-3, Uchi-  
saiwai-cho 2-chome, Chiyoda-ku, Tokyo,  
1000011 (JP).

- (74) **OCHIAI, Kenichiro**; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwai-cho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23C
- (11) **WO 2004/094682** (13) A2
- (21) PCT/US2004/007773
- (22) **15 Mar/mar 2004 (15.03.2004)**
- (25) en (26) en
- (30) 10/412,932 **14 Apr/avr 2003** US (14.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMPROVED COATING FOR SILVER PLATED CIRCUITS
- REVETEMENTS AMELIORES POUR CIRCUITS A PLACAGE D'ARGENT
- (71) **MACDERMID, INCORPORATED** [US/US]; 245 Freight Street, Waterbury, CT 06702 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72) **REDLINE, Ronald**; 28 Platt Drive, Prospect, CT 06712 (US). **ANGELONE, David**; 62 Pierpont Road, Waterbury, CT 06705 (US). **CASTALDI, Steven, A.**; 134 Farmstead Avenue, Torrington, CT 06790 (US). **TOSCANO, Lenora**; 489 Wolcott Street, Bristol, CT 06010 (US).
- (74) **CORDANI, John, L.**; Carmody & Torrance LLP, 50 Leavenworth Street, Waterbury, CT 06721-1110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C23C 2/06, 2/26, B21D 22/02
- (11) **WO 2004/094684** (13) A1
- (21) PCT/JP2004/005873
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) ja (26) ja
- (30) 2003-118903 **23 Apr/avr 2003** JP (23.04.2003)
- (30) 2003-307348 **29 Aug/août 2003** JP (29.08.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HOT PRESS FORMED PRODUCT AND METHOD FOR PRODUCTION THEREOF
- (30) 2003-113938 **18 Apr/avr 2003** JP (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ZINC HOT DIP GALVANIZED STEEL PLATE EXCELLENT IN PRESS FORMABILITY AND METHOD FOR PRODUCTION THEREOF
- PLAQUE D'ACIER GALVANISE A CHAUD AU ZINC A FORMABILITE SOUS PRESSE EXCELLENTE ET PROCEDE DE PRODUCTION ASSOCIE
- (71) **JFE STEEL CORPORATION** [JP/JP]; 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TAIRA, Shoichiro** [JP/JP]; c/o Intellectual Property Dept., JFE Steel Corporation, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). **TADA, Masaki** [JP/JP]; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). **SUGIMOTO, Yoshiharu** [JP/JP]; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). **NAGOSHI, Masayasu** [JP/JP]; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). **KAWANO, Takashi** [JP/JP]; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). **HAMADA, Etsuo** [JP/JP]; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). **ANDO, Satoru** [JP/JP]; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). **OOTSUKA, Shinji** [JP/JP]; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP). **YAMASHITA, Masaaki** [JP/JP]; c/o Intellectual Property Dept., JFE STEEL CORPORATION, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (74) **OCHIAI, Kenichiro**; c/o Intellectual Property Dept., JFE Steel Corporation, 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (81) BR CA CN KR MX US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)<sup>7</sup> C23C 4/00
- (11) **WO 2004/094685** (13) A2
- (21) PCT/US2004/012380
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) en (26) en
- (30) 60/464,516 **22 Apr/avr 2003** US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD TO PROVIDE WEAR-RESISTANT COATING AND RELATED COATED ARTICLES
- PROCEDES D'OBTENTION ET D'APPLICATION D'UN REVETEMENT RESISTANT A L'USURE ET ARTICLES ENDUITS CONNEXES
- (71) **DIAMOND INNOVATIONS, INC.** [US/US]; 6325 Huntley Road, Worthington, OH 43085 (US).
- **PRODUIT THERMOFORME A LA PRESSE ET PROCEDE DE PRODUCTION DE CE DERNIER**
- (71) **SUMITOMO METAL INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP). **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 4718571 (JP). **TOYODA IRON WORKS CO., LTD.** [JP/JP]; 50, Hosoya-cho 4-chome, Toyota-shi, Aichi 4718507 (JP).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **YOSHIKAWA, Yukihiko** [JP/JP]; C/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP). **IMAI, Kazuhito** [JP/JP]; C/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP). **FUKUI, Kunihiko** [JP/JP]; C/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP). **TOKI, Tamotsu** [JP/JP]; C/o Sumitomo Metal Industries, Ltd., 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP). **SUDO, Shuntaro** [JP/JP]; C/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho Toyota-shi, Aichi 4718571 (JP). **OBAYASHI, Akira** [JP/JP]; C/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho Toyota-shi, Aichi 4718571 (JP). **ICHIKAWA, Masanobu** [JP/JP]; C/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho Toyota-shi, Aichi 4718571 (JP).
- (74) **HIROSE, Shoichi**; Tozan Building, 4-2, Nihonbashi, Honcho 4-chome, Chuo-ku, Tokyo 1030023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23C 2/06, 2/26
- (11) **WO 2004/094683** (13) A1
- (21) PCT/JP2003/013281
- (22) **17 Oct/oct 2003 (17.10.2003)**
- (25) ja (26) ja

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUMM, Timothy, Francis**. [US/US]; 338 Belle Haven Parkway, Westerville, OH 43082 (US). **WEBB, Steven, W.** [US/US]; 253 Weydon Road, Worthington, OH 48035 (US).

(74) **SINGER, James, M.**; **PEPPER HAMILTON LLP**, One Mellon Center, 50th Floor, 500 Grant Street, Pittsburgh, PA 15219 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C23C 14/00

(11) **WO 2004/094686** (13) A2

(21) PCT/EP2004/002332

(22) **8 Mar/mar 2004 (08.03.2004)**

(25) de (26) de

(30) 103 18 364.7 **23 Apr/avr 2003 DE (23.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **DEVICE FOR COATING A STATIONARY SUBSTRATE BY PULSE MAGNETRON SPUTTERING**

• **DISPOSITIF PERMETTANT DE REVERTIR UN SUBSTRAT DISPOSE DE MANIERE FIXE, PAR PULVERISATION AU MAGNETRON A IMPULSIONS**

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Hansastrasse 27c, 80686 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRACH, Peter** [DE/DE]; Kopernikusstrasse 8, 01454 Radeberg (DE). **GOEDICKE, Klaus** [DE/DE]; Pfeifferhannsstrasse 18, 01307 Dresden (DE). **GOTTFRIED, Christian** [DE/DE];

Thomas-Mann-Strasse 50, 01219 Dresden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C23C 14/08, 14/34

(11) **WO 2004/094687** (13) A1

(21) PCT/JP2004/005902

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) ja (26) ja

(30) 2003/120461 **24 Apr/avr 2003 JP (24.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **COPPER OXIDE THIN FILM LOW-FRICTION MATERIAL AND FILM-FORMING METHOD THEREFOR**

• **MATIERE POUR FILM MINCE A FAIBLE COEFFICIENT DE FROTTEMENT ET PROCEDE DE FORMATION DE FILM ASSOCIE**

(71) **NATIONAL INSTITUTE FOR MATERIALS SCIENCE** [JP/JP]; 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOTO, Masahiro** [JP/JP]; c/o National Institute for, Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). **KASAHARA, Akira** [JP/JP]; c/o National Institute for, Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). **OISHI, Tetsuo** [JP/JP]; c/o National Institute for, Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). **TOSA, Masahiro** [JP/JP]; c/o National Institute for, Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). **YOSHIHARA, Kazuhiro** [JP/JP]; c/o National Institute for, Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP).

(74) **NISHIZAWA, Toshio**; Three F Minami Aoyama Bldg. 7F, 11-1, Minami-Aoyama 6-chome, Minato-ku, Tokyo 107-0062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C23C 14/34, G01N 29/04, B23K 31/02

(11) **WO 2004/094688** (13) A1

(21) PCT/US2004/008343

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) en (26) en

(30) 60/460,151 **2 Apr/avr 2003 US (02.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **PVD TARGET/BACKING PLATE CONSTRUCTIONS; AND METHODS OF FORMING PVD TARGET/BACKING PLATE CONSTRUCTIONS**

• **CONSTRUCTIONS DE PLAQUES CIBLE/SUPPORT PVD, ET PROCEDE DE FORMATION DE CONSTRUCTIONS DE PLAQUES CIBLE/SUPPORT PVD**

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARK, Brett, M.** [US/US]; 3412 S. Melissa, Spokane, WA 99206 (US). **YI, Wuwen** [CN/US]; 1718 S. Limerick Dr., Veradale, WA 99037 (US). **SMITS, Roberta, L.** [US/US]; 5271 E. Heather Lane, Post Falls, ID 83854 (US). **BROWN, Alan** [US/US]; 715 E. Bogie Dr., Post Falls, ID 83854 (US).

(74) **LATWESEN, David, G.** et al. / etc.; Wells, St. John P.S., Suite 1300, 601 W. First Avenue, Spokane, WA 92201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> C23C 16/00

(11) **WO 2004/094689** (13) A2

(21) PCT/US2004/011734

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 60/463,170 **16 Apr/avr 2003 US (16.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VOLATILE COPPER(I) COMPLEXES FOR DEPOSITION OF COPPER FILMS BY ATOMIC LAYER DEPOSITION

- COMPLEXES DE CUIVRE (I) VOLATILS PERMETTANT LE DEPOT DE FILMS DE CUIVRE PAR DEPOT DE COUCHES ATOMIQUES

(71) E. I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BRADLEY, Alexander, Zak [US/US]; 174 Bridge Street, Drexel Hill, PA 19026 (US). THOMPSON, Jeffery, Scott [US/US]; 98 Cambridge Drive, Wilmington, DE 19803 (US).

(74) SIEGELL, Barbara, C.; Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C23C 16/26, 16/02, H01L 51/30, C01B 31/02

(11) WO 2004/094690 (13) A1

(21) PCT/FR2004/050160

(22) 14 Apr/avr 2004 (14.04.2004)

(25) fr (26) fr

(30) 03/04830 17 Apr/avr 2003 FR (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CARBON NANOTUBE GROWTH METHOD

- PROCEDE DE CROISSANCE DE NANOTUBES DE CARBONE

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BONNOT, Anne-Marie [FR/FR]; 49, chemin de l'Eglise, F-38240 Meylan (FR). BOUCHIAT, Vincent [FR/FR]; 11, lotissement Castel Novel, F-38330 Biviers (FR). FAUCHER, Marc [FR/FR]; 13, rue du Dauphiné, F-38120 Saint Egrève (FR).

(74) CABINET MICHEL DE BEAUMONT; 1, rue Champollion, F-38000 Grenoble (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C23C 16/30, 16/34, H01L 21/28, 21/285

(11) WO 2004/094691 (13) A1

(21) PCT/US2004/008961

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/407,930 4 Apr/avr 2003 US (04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR HAFNIUM NITRIDE DEPOSITION

- PROCEDE PERMETTANT DE DEPOSER DU NITRURE DE HAFNIUM

(71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) METZNER, Craig [US/US]; 618 Saddleback Terrace, Fremont, CA 94536 (US). KHER, Shreyas [IN/US]; 1656 Adrien Drive, Campbell, CA 95008 (US). KIM, Yeong, Kwan [KR/US]; 7725 Paseo Santa Cruz, Pleasanton, CA 94566 (US). ROCKLEIN, M., Noel [US/US]; 425 South 38th Street, Boulder, CO 80305 (US). GEORGE, Steven, M. [US/US]; 5592 Stonewall Place, Boulder, CO 80303 (US).

(74) PATTERSON, B., Todd et al. / etc.; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C23C 16/44, 16/458

(11) WO 2004/094692 (13) A1

(21) PCT/US2004/006455

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 60/320,065 28 Mar/mar 2003 US (28.03.2003)

(30) 10/604,502 25 Jul/juil 2003 US (25.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTINUOUS FLOW ATOMIC LAYER DEPOSITION SYSTEM

- SYSTEME DE DEPOT DE COUCHE ATOMIQUE A FLUX CONTINU

(71) FLUENS CORPORATION [US/US]; 14 Bayview Road, Marblehead, MA 01945 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SFERLAZZO, Piero [US/US]; 14 Bayview Road, Marblehead, MA 01945 (US).

(74) RAUSCHENBACH, Kurt; P.O. Box 387, Bedford, MA 01730 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> C23C 16/455

(11) WO 2004/094693 (13) A2

(21) PCT/US2004/011477

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/417,592 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GAS DISTRIBUTION PLATE ASSEMBLY FOR LARGE AREA PLASMA ENHANCED CHEMICAL VAPOR DEPOSITION

- ENSEMBLE PLAQUE DE DISTRIBUTION DE GAZ POUR DEPOT CHIMIQUE EN PHASE VAPEUR ACTIVE PAR PLASMA SUR GRANDE SURFACE

(71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) CHOI, Soo, Young [US/US]; 311 Woodcreek Terrace, Fremont, CA 94539 (US). SHANG, Quanyuan [US/US]; 21090 Canyon View Drive, Saratoga, CA 95070 (US). GREENE, Robert, I. [US/US]; 1386 Bedford Street, Fremont, CA 94539 (US). HOU, Li [US/US]; 21090 Red Fir Court, Cupertino, CA 95014 (US).

(74) PATTERSON, B., Todd et al. / etc.; Moser, Patterson & Sheridan, L.L.P., 3040 Post Oak Boulevard, Suite 1500, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23C 16/455
- (11) WO 2004/094694 (13) A2
- (21) PCT/US2004/012677
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 60/465,142 23 Apr/avr 2003 US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COLLECTION OF UNUSED PRECURSORS IN ALD  
• COLLECTE DE PRECURSEURS INUTILISES DANS UN PROCESSUS DE DEPOT DE COUCHE ATOMIQUE (ALD)
- (71) GENUS, INC. [US/US]; 1139 Karlstad Drive, Sunnyvale, CA 94089 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SEIDEL, Thomas, E. [US/US]; 955 E. El Camino Real #933, Sunnyvale, CA 94087 (US). GADGIL, Prasad [US/US]; 301 Rosemont Drive, Santa Clara, CA 95051 (US). LEE, Edward, C. [US/US]; 10502 Rampart Avenue, Cupertino, CA 95014 (US). DOERING, Kenneth [US/US]; 5939 Southridge Ct., San Jose, CA 95138 (US).
- (74) DUTTA, Sanjeet, K. et al. / etc.; 12400 Wilshire Boulevard, Seventh Floor, Los Angeles, CA 90025-1030 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23F 1/00
- (11) WO 2004/094696 (13) A1
- (21) PCT/US2004/005220
- (22) 23 Feb/fév 2004 (23.02.2004)
- (25) en (26) en
- (30) 10/404,406 1 Apr/avr 2003 US (01.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MICROELECTRONIC DEVICE MANUFACTURING IN COORDINATED CARBON DIOXIDE PROCESSING CHAMBERS  
• FABRICATION DE DISPOSITIFS MICROELECTRONIQUES DANS DES CHAMBRES DE TRAITEMENT AU DIOXYDE DE CARBONE COORDONNEES
- (71) MICELL TECHNOLOGIES INC. [US/US]; 7516 Precision Drive, Raleigh, North Carolina 27613 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DEYOUNG, James, P. [US/US]; 110 Ashworth Drive, Durham, North Carolina 27707 (US). MCCLAIN, James, B. [US/US]; 8008 Chadbourne Court, Raleigh, North Carolina 27613 (US).
- (74) MYERS BIGEL SIBLEY & SAJOVEC P.A.; P.O. Box 37428, Raleigh, North Carolina 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> C23C 16/455
- (11) WO 2004/094695 (13) A2
- (21) PCT/US2004/006352
- (22) 1 Mar/mar 2004 (01.03.2004)
- (25) en (26) en
- (30) 60/465,143 23 Apr/avr 2003 US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TRANSIENT ENHANCED ATOMIC LAYER DEPOSITION  
• DEPOT DE COUCHE ATOMIQUE AMELIORE TRANSITOIRE
- (71) GENUS, INC. [US/US]; 1139 Karlstad Drive, Sunnyvale, CA 94086 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIM, Gi, Youl [KR/US]; 5232 Harwood Road, San Jose, CA 95124 (US). SRIVASTAVA, Anuranjan [IN/US]; 1063 Morse Avenue #1-103, Sunnyvale, CA 94089 (US). SEIDEL, Thomas, E. [US/US]; 965 East El Camino Real #993, Sunnyvale, CA 94087 (US). LONDERGAN, Ana [BG/US]; 113 John Kirk Court, Campbell, CA 95008 (US). RAMANATHAN, Sasangan [IN/US]; 105 Enchant Way, San Ramon, CA 94583 (US).
- (74) FAHMI, Tarek; 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> C25B 11/00
- (11) WO 2004/094697 (13) A1
- (21) PCT/US2004/006720
- (22) 4 Mar/mar 2004 (04.03.2004)
- (25) en (26) en
- (30) 10/405,510 2 Apr/avr 2003 US (02.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MECHANICAL ATTACHMENT OF ELECTRICAL CURRENT CONDUCTOR TO INERT ANODES  
• FIXATION MECANIQUE DE CONDUCTEUR DE COURANT ELECTRIQUE A DES ANODES INERTES
- (71) ALCOA INC. [US/US]; Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, PA 15212-5858 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) D'ASTOLFO, JR., LeRoy E. [US/US]; 233 Fairhaven Drive, Lower Burrell, PA 15068 (US).
- (74) BEIRIGER, Tracey D. et al. / etc.; Eckert Seamans Cherin & Mellott, LLC, Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> C25B 11/06

(11) WO 2004/094698 (13) A1

(21) PCT/US2003/039149

(22) 10 Dec/déc 2003 (10.12.2003)

(25) en (26) en

(30) 10/395,939 24 Mar/mar 2003 US (24.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTROCATALYTIC COATING WITH PLATINIUM GROUP METALS AND ELECTRODE MADE THEREFROM

• REVETEMENT ELECTROCATALYTIQUE COMPRENANT DES METAUX DU GROUPE DU PLATINE INFERIEUR ET ELECTRODE CONÇUE A PARTIR DE CELUI-CI

(71) ELTECH SYSTEMS CORPORATION [US/US]; 100 Seventh Avenue, Suite 300, Chardon, OH 44024 (US).

(72) HARDEE, Kenneth, L.; 15818 Georgia Road, Middlefield, OH 44024 (US).

(74) TYRPAK, Michele, M. et al. / etc.; Hudak, Shunk & Farine Co., LPA, 2020 Front Street, Suite 307, Cuyahoga Falls, OH 44221 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C25C 1/06, 5/00

(11) WO 2004/094699 (13) A1

(21) PCT/KR2004/000516

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10-2003-0026108 24 Apr/avr 2003 KR (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NANO INVAR ALLOYS AND A PROCESS OF PRODUCING THE SAME

• ALLIAGES INVAR DE TAILLE NANOMETRIQUE ET PROCEDE DE FABRICATION ASSOCIE

(71) NANO INVAR CO. LTD. [KR/KR]; 1545-7, Seocho-dong, Seocho-gu, 137-070 Seoul (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Yong-Bum [KR/KR]; 132-12, Jeungsan-dong, Eunpyeong-gu, 122-935 Seoul (KR).

(74) KWON, Hyuk-Rok; 1703 Sungji-heights Iii Bldg., 642-6 Yoksam-dong, Kangnam-gu, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C25C 5/02, 1/12, 7/08, C22C 47/00, B22F 9/30

(11) WO 2004/094700 (13) A1

(21) PCT/JP2004/001599

(22) 13 Feb/fév 2004 (13.02.2004)

(25) ja (26) ja

(30) 2003-040308 18 Feb/fév 2003 JP (18.02.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METAL PARTICLES AND METHOD FOR PRODUCING SAME  
• PARTICULES METALLIQUES ET LEUR PROCEDE DE PRODUCTION

(71) JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF SHINSHU UNIVERSITY [JP/JP]; 1-1, Asahi 3-chome, Matsumoto-shi, Nagano 3908621 (JP). SHINANO KENSHI KABUSHIKI KAISHA [JP/JP]; 1078, Ooaza Kamimaruko, Maruko-machi, Chisagata-gun, Nagano 3860498 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARAI, Susumu [JP/JP]; 526-92, Ooaza Amori, Nagano-shi, Nagano 3800941 (JP). ENDO, Morinobu [JP/JP]; 4-8, Garyu 1-chome, Suzaka-shi, Nagano 3820028 (JP). ICHIKI, Kouichi [JP/JP]; c/o Shinano Kenshi Kabushiki Kaisha, 1078, Ooaza Kamimaruko, Maruko-machi, Chisagata-gun, Nagano 3860498 (JP). OKUBO, Masashi [JP/JP]; c/o Shinano Kenshi Kabushiki Kaisha, 1078, Ooaza Kamimaruko, Maruko-machi, Chisagata-gun, Nagano 3860498 (JP).

(74) WATANUKI, Takao; CreA Center Bldg., 12-9, Nakagosho 3-chome, Nagano-shi, Nagano 3800935 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C25D

(11) WO 2004/094701 (13) A2

(21) PCT/IB2004/001183

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,184 23 Apr/avr 2003 US (23.04.2003)

(30) 60/476,931 9 Jun/juin 2003 US (09.06.2003)

(30) 60/542,741 5 Feb/fév 2004 US (05.02.2004)

(30) 60/556,864 26 Mar/mar 2004 US (26.03.2004)

(30) 10/827,596 19 Apr/avr 2004 US (19.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR MONITORING, DOSING, AND DISTRIBUTION OF CHEMICAL COMPOSITIONS

• PROCEDE ET APPAREIL POUR SURVEILLER, DOSER ET DISTRIBUER DES COMPOSITIONS CHIMIQUES

(71) L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUSE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72) ZDUNEK, Alan, D.; 1537 West Glenlake Avenue, Chicago, IL 60660 (US). GERMOUNI, Omar; 1120 N. La Salle Blvd #4F, Chicago, IL 60610 (US). BARAJAS, Alejandro, A.; 5575 Clarendon Hills Road, Apt. 205, Clarendon Hills, IL 60514 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> C25D

(11) WO 2004/094702 (13) A2

(21) PCT/US2004/012012

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,860 18 Apr/avr 2003 US  
(18.04.2003)(30) 60/463,970 18 Apr/avr 2003 US  
(18.04.2003)(30) 60/463,861 18 Apr/avr 2003 US  
(18.04.2003)(30) 60/463,956 18 Apr/avr 2003 US  
(18.04.2003)(30) 60/463,862 18 Apr/avr 2003 US  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-CHEMISTRY PLATING SYSTEM

• SYSTEME DE GALVANISATION A CHIMIE MULTIPLE

(71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US). ELLWANGER, Russell, C. [US/US]; 565 Mission Vineyard Road, San Juan Bautista, CA 95045 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) YANG, Michael, X. [US/US]; 793 Cereza Drive, Palo Alto, CA 94306 (US). XI, Ming [CN/US]; 151 Churchill Avenue, Palo Alto, CA 94306 (US). BRITCHER, Eric, B. [US/US]; 9200 Milliken Ave., #7306, Rancho Cucamonga, CA 91730 (US). DONOSO, Bernardo [US/US]; 1961 Johnston Avenue, San Jose, CA 95125 (US). PANG, Lily, L. [US/US]; 35694 Cabrillo Drive, Fremont, CA 95125 (US). SHERMAN, Svetlana [US/US]; 1344 Charmwood Square, San Jose, CA 95117 (US). HO, Henry [US/US]; 6906 Lenwood Way, San Jose, CA 95120 (US). NGUYEN, Anh, N. [US/US]; 1075 Columbus Drive, Milpitas, CA 95035 (US). LERNER, Alexander, N. [US/US]; 6661 Pebblewood Court, San Jose, CA 95120 (US). D'AMBRA, Allen, L. [US/US]; 539 Francisco Drive, Burlingame, CA 94010 (US). SHANMUGASUNDRAM, Arulkumar [IN/US]; 428 Madera Ave., #10, Sunnyvale, CA 94086 (US). ISHIKAWA, Tetsuya [JP/US]; 20072 Kilbride Drive, Saratoga, CA 95070 (US). RABINOVICH, Yevgeniy [US/US]; 40 Valley Vista Court, Fremont, CA 94539 (US). LUBOMIRSKY, Dmitry [IL/US]; 20200 Lucille Ave., #98, Cupertino, CA 95014 (US). MOK, Yeuk-Fai, Edwin [US/US]; 194 Stonecrest Drive, San Francisco, CA 94132 (US). NGUYEN, Son, T. [US/US]; 3032 Dow Drive, San Jose, CA 95136 (US).

(74) PATTERSON, B., Todd et al. / etc.; Moser, Patterson &amp; Sheridan, LLP, 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C25D

(11) WO 2004/094703 (13) A2

(21) PCT/US2004/005424

(22) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 10/400,762 27 Mar/mar 2003 US  
(27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS OF FORMING MEDICAL DEVICES

• PROCEDES DE FORMATION DE DISPOSITIFS MEDICAUX

(71) SCIMED LIFE SYSTEMS INC. [US/US]; One Scimed Place, Maple Grove, MI 55311 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MONNI, Vittorino [US/US]; 3704 34th Avenue S.W., Seattle, WA 98126 (US). CHANDRASEKARAN, Verivada [US/US]; 2433 84th Avenue SE, Mercer Island, WA 98040 (US). VORAPHET, Outhay [US/US]; 3422 279th Avenue NE, Redmond, WA 98053 (US).

(74) SEAGER, Glenn, M.; Crompton Seager &amp; Tuffe LLC, 1221 Nicollet Avenue, Suite 800, Minneapolis, MN 55403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C30B

(11) WO 2004/094704 (13) A2

(21) PCT/FR2004/000894

(22) 9 Apr/avr 2004 (09.04.2004)

(25) fr (26) fr

(30) 03/04803 17 Apr/avr 2003 FR  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CRUCIBLE FOR A DEVICE USED FOR THE PRODUCTION OF A BLOCK OF CRYSTALLINE MATERIAL, AND PRODUCTION METHOD

• CREUSET POUR UN DISPOSITIF DE FABRICATION D'UN BLOC DE MATERIAU CRISTALLIN ET PROCEDE DE FABRICATION

(71) APOLLON SOLAR [FR/FR]; 2, rue Dulong, F-75017 Paris (FR). CYBERSTAR [FR/FR]; Sud Galaxie, 1, rue des Tropiques, F-38130 Echirolles (FR). EFD INDUCTION SA [FR/FR]; 20, avenue de Grenoble, F-38170 Seyssinet Pariset (FR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) EINHAUS, Roland [DE/FR]; 4, rue des Moineaux, F-38300 Bourgoin Jallieu (FR). LISSALDE, François [FR/FR]; 6, rue des Bleuets, F-38180 Seyssins (FR). RIVAT, Pascal [FR/FR]; Chemin des Thubes, F-38590 Saint Etienne de Saint Geoirs (FR).

(74) HECKE, Gérard et al. / etc.; Cabinet Hecke, WTC Europole, 5 Place Robert Schuman, P.O. Box 1537, F-38025 Grenoble Cedex 1 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> C30B 29/12, 15/08

(11) WO 2004/094705 (13) A1

(21) PCT/JP2004/005917

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-119000 23 Apr/avr 2003 JP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR PRODUCING FLUORIDE CRYSTAL

• APPAREIL DE PRODUCTION D'UN CRISTAL DE FLUORURE

(71) STELLA CHEMIFA KABUSHIKI KAISHA [JP/JP]; 6-3, Awajimachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5410047 (JP). FUKUDA CRYSTAL LABORATORY [JP/JP]; 6-3, Minami-Yoshinari 6-chome, Aoba-ku, Sendai-shi, Miyagi, 9893204 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) FUKUDA, Tsuguo [JP/JP]; c/o FUKUDA CRYSTAL LABORATORY 6-3, Minami-Yoshinari 6-chome, Aoba-ku, Sendai-shi, Miyagi, 9893204 (JP). KIKUYAMA, Hirohisa [JP/JP]; c/o STELLA CHEMIFA KABUSHIKI KAISHA



- 41, Rinkaicho 1-chome, Izumiotsu-shi, Osaka, 5950075 (JP). SATONAGA, Tomohiko [JP/JP]; c/o STELLA CHEMIFA KABUSHIKI KAISHA 41, Rinkaicho 1-chome, Izumiotsu-shi, Osaka, 5950075 (JP).
- (74) FUKUMORI, Hisao; 2F, Fuji Building, 5-11, Kudanminami 4-chome, Chiyoda-ku, Tokyo, 1020074 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> D01H 5/82, 5/74  
(11) WO 2004/094707 (13) A1  
(21) PCT/DE2004/000784  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) de (26) de  
(30) 103 17 643.8 17 Apr/avr 2003 DE (17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BOTTOM ROLLER FOR THE DRAWING SYSTEM OF SPINNING MACHINES  
• CYLINDRE INFERIEUR POUR DES TRAINS D'ETIRAGE DE METIERS A FILER
- (71) SAURER GMBH & CO KG [DE/DE]; Landgrafenstrasse 45, 41069 Mönchengladbach (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KLEUREN HEINER [DE/DE]; Jesinger Strasse 65, 73230 Kirchheim (DE). MANN, Peter [DE/DE]; Ulmenweg 9, 73095 Albershausen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> D01F 8/14  
(11) WO 2004/094706 (13) A1  
(21) PCT/KR2004/000913  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 10-2003-0026094 24 Apr/avr 2003 KR (24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POLYESTER CONJUGATED YARN HAVING HIGH-SELF-CRIMPING PROPERTIES AND METHOD OF MANUFACTURING THE SAME  
• FIL DE POLYESTER CONJUGUE POSSEDANT DES PROPRIETES D'AUTO-CREPAGE ELEVEES ET PROCEDE DE FABRICATION DE CE FIL
- (71) HUVIS CORPORATION. [KR/KR]; Huviv B/D, 151-7 Samseong-dong, Gangnam-gu, Seoul 135-878 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIM, Do-Kyoon [KR/KR]; 101-201 Samik Apt., #664, Pungdeokcheon-dong, Yongin-Si., Gyeonggi-do 449-170 (KR). LEE, Jae-Hong [KR/KR]; #600-1, Jeongja-1-dong, Jangan-gu, Suwon-si., Gyeonggi-do 440-840 (KR). KIM, Sun-Woo [KR/KR]; 301-207 Gongjak Booyoung Apt., Gwangyang-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-060 (KR). CHOI, Young-Geun [KR/KR]; #6, Jeon-nong-3-dong, Dongdaemun-gu., Seoul 130-848 (KR).
- (74) RO, Wan-Goo; 3Fl, Jaeyoung Bldg., 1670-12, Seocho-dong, Seocho-gu, Seoul 137-881 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> D03D  
(11) WO 2004/094709 (13) A2  
(21) PCT/US2004/012324  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 10/420,470 22 Apr/avr 2003 US (22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • STRETCH FABRIC  
• TISSU EXTENSIBLE
- (71) ANDOVER COATED PRODUCTS, INC. [US/US]; 9 Fanaras Drive, Salisbury, MA 01952 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MURPHY, Thomas, S. [US/US]; 104 High Ridge Road, Boxford, MA 01921 (US). PIASECZYNSKI, Stanley, J. [US/US]; 269 Prescott Road, Epping, NH 03042 (US).
- (74) SCOZZAFAVA, Mary, Rose et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ
- 
- (51)<sup>7</sup> D02G 3/38, 3/46  
(11) WO 2004/094708 (13) A1  
(21) PCT/US2004/002751  
(22) 29 Jan/jan 2004 (29.01.2004)  
(25) en (26) en

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D04B 1/14, 1/16, 1/18, A45F 3/22, 3/24

(11) WO 2004/094710 (13) A1

(21) PCT/AU2004/000536

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003901945 24 Apr/avr 2003 AU (24.04.2003)

(30) 2003903639 16 Jul/juil 2003 AU (16.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVED HAMMOCK AND SPREADING ROD

• HAMAC ET BAGUETTE D'ECARTEMENT AMELIORES

(71, 72) LYONS, Beaumont, Gregory [AU/AU]; 3/97 Jigsaw Street, Sumner Park, Queensland 4074 (AU).

(74) THOMPSON, Paul, M. et al. / etc.; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D04B 7/32, 1/24, A41B 9/00, A41D 1/04, 27/10

(11) WO 2004/094711 (13) A1

(21) PCT/JP2004/004097

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-116375 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF JOINING KNITTING FABRIC

• PROCEDE POUR ASSEMBLER UN ARTICLE EN TRICOT

(71) SHIMA SEIKI MFG., LTD. [JP/JP]; 85, Sakata, Wakayama-shi, Wakayama 641-8511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAYAMA, Tomoaki [JP/JP]; c/o Shima Seiki Mfg., Ltd., 85 Sakata, Wakayama-shi, Wakayama 641-8511 (JP).

(74) YAMANO, Hiroshi; Keimei Patent Office, 10F Astro Shin Osaka 2 Bldg., 1-3, Nishinakajima 6-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D04B 15/50

(11) WO 2004/094712 (13) A1

(21) PCT/JP2004/004487

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-114588 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • KNITTING METHOD AND SYSTEM USING ELASTIC YARN

• PROCEDE ET SYSTEME DE TRICOTAGE UTILISANT UN FIL ELASTIQUE

(71) SHIMA SEIKI MANUFACTURING LIMITED [JP/JP]; 85, Sakata, Wakayama-shi, Wakayama 6418511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORITA, Toshiaki [JP/JP]; c/o SHIMA SEIKI MANUFACTURING LIMITED, 85, Sakata, Wakayama-shi, Wakayama 6418511 (JP).

(74) SAIKYO, Keiichiro et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 5410051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D04H

(11) WO 2004/094713 (13) A2

(21) PCT/US2004/012031

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,215 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR MARKING TEXTILES WITH NUCLEIC ACIDS

• SYSTEME ET PROCEDE DE MARQUAGE DE TEXTILES AU MOYEN D'ACIDES NUCLEIQUES

(71) APPLIED DNA SCIENCES, INC. [US/US]; 9229 Sunset Blvd., Suite 830, Los Angeles, CA 90069 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Lawrence, C. [US/US]; 9229 Sunset Blvd., Suite 830, Los Angeles, CA 90069 (US). ALEXANDER, Don [US/US]; 33 Rice Street, Barnwell, SC 29812 (US). SHUE, Jun, Jei; Chunggo City (TW). LIANG, Benjamin; Chunggo City (TW). CHEN, Chung-Shung; Chunggo City (TW).

(74) KERR, Michael, A.; Virtual Legal, P.C., 777 E. William St., Suite 211, Carson City, NV 89701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D04H 1/42, 1/58, C09J 177/06, C08K 7/14

(11) WO 2004/094714 (13) A2

(21) PCT/FR2004/000941

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/04750 16 Apr/avr 2003 FR (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MINERAL FIBRE SIZING COMPOSITION CONTAINING A CARBOXYLIC POLYACID AND A POLYAMINE, PREPARATION METHOD THEREOF AND RESULTING PRODUCTS

• COMPOSITION D'ENCOLLAGE DE FIBRES MINERALES RENFERMANT UN POLYACIDE CARBOXYLIQUE ET UNE POLYAMINE, PROCEDE DE PREPARATION, ET PRODUITS RESULTANTS

(71) SAINT-GOBAIN ISOVER [FR/FR]; Les Miroirs, 18, avenue d'Alsace, F-92400 Courbevoie (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ESPIARD, Philippe [FR/FR]; 2, rue des Primevères, F-60270 Gouvieux (FR). DOLATKHANI, Marc [FR/FR]; 12, avenue de la Gare, F-33610 Cestas (FR). PAGNOUX, Anne [FR/FR]; 3, allée des Pinsons, F-33114 Le Barp (FR). BOYER, François [FR/FR]; 17, avenue Charles de Gaulle, F-33650 Martillac (FR).

(74) SAINT-GOBAIN RECHERCHE; 39, quai Lucien Lefranc, F-93300 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> D06C

(11) WO 2004/094715 (13) A2

(21) PCT/US2004/007923

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/421,057 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FABRICS HAVING A TOPICALLY APPLIED SILVER-BASED FINISH WITH A CROSS-LINKED BINDER SYSTEM FOR IMPROVED HIGH-TEMPERATURE WASH DURABILITY

• TISSUS COMPORTANT UN APPRET ARGENTE D'APPLICATION TOPIQUE AVEC UN SYSTEME DE LIANT RETICULE POUR DURABILITE AMELIOREE AU LAVAGE A HAUTE TEMPERATURE

(71) MILLIKEN & COMPANY [US/US]; 920 Milliken Road, Spartanburg, South Carolina 29303 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KREIDER, Jason [US/US]; 289 Summer Lady Lane, Spartanburg, South Carolina 29316 (US). LI, Shulong [US/US]; 204 Woodgrove Trace, Spartanburg, South Carolina 29301 (US).

(74) WENTZ, Brenda D.; MILLIKEN & COMPANY, LEGAL DEPARTMENT (M-495), 920 Milliken Road, Spartanburg, South Carolina 29303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D06F 33/02, 39/08

(11) WO 2004/094716 (13) A1

(21) PCT/JP2004/005181

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-117447 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WASHING MACHINE

• MACHINE A LAVER

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOSHIKAWA, Hirofumi [JP/JP]; 1-3-1, Nagaïhigashi, Sumiyoshi-ku, Osaka-shi, Osaka 558-0004 (JP). IKEMIZU, Mugihei [JP/JP]; 3-2-11-311, Atobekitanano-cho, Yao-shi, Osaka 581-0068 (JP). NISHIO, Masahiro [JP/JP]; 2-1-7-401, Fujii, Oji-cho, Kitakatsuragi-gun, Nara 636-0014 (JP).

(74) SANO, Shizuo; Tenmabashi-Yachiyo Bldg. Bekkan, 2-6, Tenmabashi-kyomachi, Chuo-ku, Osaka-shi, Osaka 540-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D06G 1/00

(11) WO 2004/094717 (13) A1

(21) PCT/GR2004/000024

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 20030100189 22 Apr/avr 2003 GR  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MECHANICAL CARPET CLEANER

• NETTOYEUR DE TAPIS MECANIQUE

(71, 72) KREKOUKIS, Ioannis [GR/GR]; 11 Ifantourgion Str., GR-291 00 Zakynthos (GR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D21C 5/02

(11) WO 2004/094718 (13) A1

(21) PCT/JP2004/004531

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-117807 23 Apr/avr 2003 JP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEINKING AGENT AND DEINKING AGENT COMPOSITION

• AGENT DE DESENCRAGE ET COMPOSITION D'AGENT DE DESENCRAGE

(71) LION CORPORATION [JP/JP]; 3-7, Honjo 1-chome, Sumida-ku, Tokyo, 1308644 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAKUI, Toshio [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo, 1308644 (JP). YOSHIDA, Kousuke [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo, 1308644 (JP). YAMASAKI, Atsushi [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo, 1308644 (JP). KANETANI, Akinori [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo, 1308644 (JP). SAKAI, Tetsuya [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo, 1308644 (JP). TAKEI, Mitsuhiro [JP/JP]; c/o LION CORPORATION, 3-7, Honjo 1-chome, Sumida-ku, Tokyo, 1308644 (JP).

(74) KOJIMA, Takashi; Ginza Ohtsuka Bldg.2F 16-12, Ginza 2-Chome, Chuo-Ku, Tokyo, 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D21F 1/00

(11) WO 2004/094719 (13) A1

(21) PCT/US2004/010648

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/418,675 18 Apr/avr 2003 US  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-LAYER FORMING FABRIC WITH TWO WARP SYSTEMS BOUND TOGETHER WITH TRIPLETS OF BINDER YARNS

• TISSU MULTICOUCHE A DEUX SYSTEMES DE CHAINE LIES CONJOINTEMENT AVEC UN TRIPLET DE FILS DE LIAGE

(63) US 10/418,675 (CON)  
18 Apr/avr 2003 (18.04.2003)

(71) **ALBANY INTERNATIONAL CORP.** [US/US]; 1373 Broadway, Albany, NY 12204 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FESTOR, Bernard** [FR/FR]; 10 rue Jean Monnet, F-68920 Logelbach Wintzenheim (FR).

(74) **SANTUCCI, Ronald, R.;** Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, New York 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> D21F 3/02

(11) **WO 2004/094720** (13) A1

(21) PCT/US2004/010647

(22) **7 Apr/avr 2004 (07.04.2004)**

(25) en (26) en

(30) 10/418,228 **17 Apr/avr 2003 US (17.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GROOVED SHOE PRESS BELT WITH CONICAL REBATES

• COURROIE DE COMPRESSION PAR SABOT, RAINUREE, A ELEMENTS DE RECOUVREMENT

(63) US 10/418,228 (CON) 17 Apr/avr 2003 (17.04.2003)

(71) **ALBANY INTERNATIONAL CORP.** [US/US]; 1373 Broadway, Albany, NY 12204 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DAVIS, Trent** [GB/US]; 171 Fruit Street, Mansfield, MA 02048 (US).

(74) **SANTUCCI, Ronald, R.;** Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, New York 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> D21F 7/08, 1/00

(11) **WO 2004/094721** (13) A1

(21) PCT/US2004/010636

(22) **7 Apr/avr 2004 (07.04.2004)**

(25) en (26) en

(30) 10/417,370 **16 Apr/avr 2003 US (16.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR INCREASING PRESS FABRIC VOID VOLUME BY LASER ETCHING

• PROCEDE PERMETTANT D'AUGMENTER LE VOLUME DES VIDES DANS UN FEUTRE DE PRESSE PAR ATTAQUE AU LASER

(63) US 10/417,370 (CIP) 16 Apr/avr 2003 (16.04.2003)

(71) **ALBANY INTERNATIONAL CORP.** [US/US]; 1373 Broadway, Albany, NY 12204 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DAVIS, Trent, W.** [GB/US]; 171 Fruit Street, Mansfield, MA 02048 (US). **DONOVAN, James, G.** [US/US]; 19 Dana Road, Norwell, MA 02061 (US).

(74) **SANTUCCI, Ronald, R.;** Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> D21F 9/00

(11) **WO 2004/094722** (13) A1

(21) PCT/US2004/001410

(22) **20 Jan/jan 2004 (20.01.2004)**

(25) en (26) en

(30) 10/396,743 **25 Mar/mar 2003 US (25.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AIRLAID FIBROUS WEBS LIQUID ABSORBENT WIPING PRODUCTS MADE THEREFROM

• TOILES FIBREUSES AERAIQUES ET PRODUITS D'ESSUYAGE ABSORBANT LES LIQUIDES COMPRENANT LESDITES FIBRES

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GUSKY, Robert, Irving** [US/US]; 304 River Drive, Appleton, WI 54915 (US). **JOHNSON, Jeffrey, J.** [US/US]; 676 South Park Avenue, Neenah, WI 54956 (US). **LANG, Frederick, J.** [US/US]; 1541 White-tail Drive, Neenah, WI 54956 (US). **MAK-OUI, Kambiz, Bayat** [US/US]; 423 Park Drive, Neenah, WI 54956 (US). **SCHICK, Kim, Gerald** [US/US]; 527 First Street, Menasha, WI 54952 (US). **UNDERHILL, Richard, L.** [US/US]; 726 Congress Place, Neenah, WI 54956 (US). **VOGT, Kevin, Joseph** [US/US]; 3697 Park Lane Drive, Neenah, WI 54956 (US).

(74) **CASSIDY, Timothy, A. et al. / etc.;** Dority & Manning, P.A., P.O. Box 1449, Greenville, SC 29602-1449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> D21G 9/00, 3/00

(11) **WO 2004/094723** (13) A1

(21) PCT/FI2004/000253

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) fi (26) en

(30) 20030619 **24 Apr/avr 2003 FI (24.04.2003)**

(30) 20035136 **26 Aug/août 2003 FI (26.08.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DOCTOR FOR A PAPER OR BOARD MACHINE

• DOCTEUR POUR MACHINE A PAPIER OU CARTON

(71) **METSO PAPER, INC.** [FI/FI]; Fabianinkatu 9 A, FI-00130 Helsinki (FI).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KASULA, Hannu** [FI/FI]; Annantie 29, FI-04220 Kerava (FI). **WIDELL, Kenneth** [FI/FI]; Lönnrotinkatu 23 B 27, FI-00120 Helsinki (FI). **AHVENNIEMI, Vesa** [FI/FI]; Heinätie 13 A, FI-00730 Helsinki (FI).

(74) **FORSSÉN & SALOMAA OY;** Eerikinkatu 2, FI-00100 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> D21H 13/40, B29B 11/16, H05K 1/03

(11) WO 2004/094724 (13) A1

(21) PCT/JP2004/005742

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-116883 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • WET-PROCESS NONWOVEN FABRIC  
AND PROCESS FOR PRODUCING THE  
SAME

- NON-TISSE OBTENU PAR VOIE HU-  
MIDE ET SON PROCEDE DE PRODUC-  
TION

(71) OJI PAPER CO. LTD. [JP/JP]; 7-5, Ginza  
4-chome, Chuo-ku, Tokyo, 1040061 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) NISHIKORI, Yoshiharu [JP/JP]; c/o  
Shinonome Center, OJI PAPER Co., Ltd.,  
10-6, Shinonome 1-chome, Koto-ku, Tokyo,  
1350062 (JP). TERAO, Tomoyuki [JP/JP];  
c/o Shinonome Center, OJI PAPER Co., Ltd.,  
10-6, Shinonome 1-chome, Koto-ku, Tokyo,  
1350062 (JP).

(74) KUMAKURA, Yoshio, et al. / etc.; NAKA-  
MURA & PARTNERS, Shin-Tokyo Bldg.,  
3-1, Marunouchi 3-chome, Chiyoda-ku,  
Tokyo, 1008355 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> D21H 19/36, 19/82

(11) WO 2004/094725 (13) A1

(21) PCT/JP2004/005847

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-119541 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • COATED PAPER FOR PRINTING  
• PAPIER COUCHE D'IMPRESSION

(71) OJI PAPER CO. LTD. [JP/JP]; 7-5, Ginza  
4-chome, Chuo-ku, Tokyo, 1040061 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) KISHIDA, Takayuki [JP/JP]; Ama-  
gasaki Research Center of OJI PAPER CO.,  
LTD., 3-1, Jokoji 4-chome, Amagasaki-shi,  
Hyogo, 6600811 (JP). KOJIMA, Yoshiaki  
[JP/JP]; Amagasaki Research Center of OJI  
PAPER CO., LTD., 3-1, Jokoji 4-chome,  
Amagasaki-shi, Hyogo, 6600811 (JP). YA-  
MADA, Nobuo [JP/JP]; Amagasaki Research  
Center of OJI PAPER CO., LTD., 3-1, Jokoji  
4-chome, Amagasaki-shi, Hyogo, 6600811  
(JP). ARAI, Yasuhiro [JP/JP]; Amagasaki  
Research Center of OJI PAPER CO., LTD.,  
3-1, Jokoji 4-chome, Amagasaki-shi, Hyogo,  
6600811 (JP). HIRABAYASHI, Tetsuya  
[JP/JP]; Amagasaki Research Center of OJI  
PAPER CO., LTD., 3-1, Jokoji 4-chome,  
Amagasaki-shi, Hyogo, 6600811 (JP).

(74) ASAKURA, Masayuki; SHINWA LAW &  
PATENT OFFICE, 5th Floor, Kono Building,  
23-9, Nishi-shimbashi 1-chome, Minato-ku,  
Tokyo, 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> D21H 25/00, B31F 1/07

(11) WO 2004/094726 (13) A2

(21) PCT/US2004/007771

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/411,401 10 Apr/avr 2003 US  
(10.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • EMBOSSSED TISSUE PRODUCT WITH  
IMPROVED BULK PROPERTIES  
• PRODUIT TEXTILE EN RELIEF PRE-  
SENTANT DE MEILLEURES PRO-  
PRIETES VOLUMIQUES

(71) KIMBERLY-CLARK WORLDWIDE  
INC. [US/US]; 401 N. Lake Street, Neenah,  
WI 54956 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) WILHELM, Lee [US/US]; 22 Lamp-  
lighter Court, Appleton, WI 54914 (US).

(74) CASSIDY, Timothy, A. et al. / etc.; DOR-  
ITY & MANNING, P.A., P.O. Box 1449,  
Greenville, SC 29602-1449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> E01B 27/17, 35/00

(11) WO 2004/094727 (13) A1

(21) PCT/GB2004/001690

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0309164.2 23 Apr/avr 2003 GB  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • RAILWAY TRACK MAINTENANCE  
• MAINTENANCE D'UNE VOIE DE  
CHEMIN DE FER

(71) WICKHAM LAND LIMITED [GB/GB];  
Tudor Lodge, Burton Lane, Goffs Oak,  
Waltham Cross, Hertfordshire, EN7 6SY  
(GB).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) COOPER, James [US/US]; 41 Harbor  
Hill, Chatham, MA 02633 (US).

(74) ACKROYD, Robert; W P Thompson & Co,  
Eastcheap House, Central Approach, Letch-  
worth Garden City, Hertfordshire SG6 3DS  
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> E01C

(11) WO 2004/094728 (13) A2

(21) PCT/US2004/009870

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/419,421 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • LOW SURFACE AREA SHEARING DE-  
VICE  
• DISPOSITIF DE NIVELAGE DE SUR-  
FACE LIMITEE

(71) KMC ENTERPRISES, INC. [US/US];  
4111 East 37th Street North, Wichita, KS  
67220 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRUBBA, Bill** [US/US]; 9693 Conner Street, Terre Haute, IN 47802 (US).

(74) **WHARTON, Susan, J.**; Stinson Morrison Hecker LLP, 1201 Walnut, Suite 2800, Kansas City, MO 64106-2150 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E01C 19/15, 19/20, 19/48

(11) WO 2004/094729 (13) A1

(21) PCT/DE2004/000675

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 17 759.0 17 Apr/avr 2003 DE (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR PRODUCING BALLAST LAYERS  
• PROCEDE DE PRODUCTION DE COUCHES DE PIERRES CONCASSEES

(71, 72) **HÜCKL, Udo** [DE/DE]; Weihersweg 25, 97650 Fladungen (DE).

(74) **PÖHNER, Wilfried**; Röntgenring 4, Postfach 63 23, 97070 Würzburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E01D 19/14

(11) WO 2004/094730 (13) A1

(21) PCT/FR2003/000921

(22) 24 Mar/mar 2003 (24.03.2003)

(25) fr (26) fr

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONSTRUCTION CABLE  
• CABLE DE STRUCTURE D'OUVRAGE D'ART

(71) **FREYSSINET INTERNATIONAL (STUP)** [FR/FR]; Ibis, rue du Petit Clamart, F-78140 Vélizy Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LECINQ, Benoît** [FR/FR]; 10, rue Jacquemin, F-92260 Fontenay-aux-Roses (FR). **MESSEIN, Jean-Pierre** [FR/FR]; 36, rue Charles Oudille, F-54600 Villers les Nancy (FR).

(74) **LOISEL, Bertrand et al.** / etc.; Cabinet Plasseraud, 65/67 rue de la victoire, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> E01H 5/04, B62D 55/06

(11) WO 2004/094731 (13) A1

(21) PCT/JP2004/005517

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

(30) 2003-116267 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TRAVEL DEVICE FOR SNOW REMOVER  
• DISPOSITIF DE DEPLACEMENT POUR DENEIGEUSE

(71) **YANMAR CO. LTD.** [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka, 5300013 (JP). **YOKA INDUSTRY CO. LTD.** [JP/JP]; Asakura 200, Youka-cho, Yabu-shi, Hyogo, 6670024 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YONEDA, Satoru** [JP/JP] **OKUYAMA, Masashi** [JP/JP]

(74) **YANO, Juichiro**; YANO INTERNATIONAL PATENT OFFICE, Twin 21 MID Tower 34th Floor, 1-61, Shiromi 2-chome, Chuo-ku Osaka-shi, Osaka, 5406134 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E02B 3/06

(11) WO 2004/094732 (13) A1

(21) PCT/KR2004/000936

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10-2003-0026121 24 Apr/avr 2003 KR (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONSTRUCTION METHOD OF WATER PASSAGE TYPE BREAKWATER USING TRANSFORMED TETRAPOD AND WATER PASSAGE TYPE BREAKWATER THEREBY

• PROCEDE DE CONSTRUCTION DE BRISE-LAMES DU TYPE AVEC PASSAGE D'EAU AU MOYEN DE TETRAPODES TRANSFORMES ET BRISE-LAMES DU TYPE AVEC PASSAGE D'EAU AINSI CONSTRUIT

(71, 72) **KIM, Sun** [KR/KR]; 103-901, Byucksan Apt., 1010, Siheung-2 Dong, Geumcheon-gu, Seoul 153-030 (KR).

(74) **CHUN, Hoy-Nam**; Room No. 206, Hanju Bldg, 647, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E02B 8/04, 9/00

(11) WO 2004/094733 (13) A1

(21) PCT/IT2003/000562

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(30) RM2003A000186 24 Apr/avr 2003 IT (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN ANTI-FLOODING DEVICE FOR THE EXPLOITATION OF WATER ENERGY

• DISPOSITIF ANTIREFOULEMENT POUR L'EXPLOITATION DE L'HYDRO-ENERGIE

(71, 72) **MARCHETTI, Antonio** [IT/IT]; Circonvallazione Ostiense, 235, I-00154 Roma (IT).

(74) **MASCIOLI, Alessandro**; Via Leonina, 26, I-00184 Roma (IT).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> E02D

(11) WO 2004/094734 (13) A2

(21) PCT/US2004/011578

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,903 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DRILL BIT

• OUTIL DE FORAGE

(71) PARTICLE DRILLING, INC. [US/US]; 808 Travis, Suite 850, Houston, TX 77002 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TIBBITTS, Gordon, A. [US/US]; 1378 Lakewood Circle, Murray, UT 84117 (US). PADGETT, Paul, O. [US/US]; 3931 Road 2DA, Cody, WY 82414 (US). CURLETT, Harry, B. [CA/US]; 4239 Pat O'Hara Mountain Drive, Cody, WY 82414 (US). CURLETT, Samuel, R. [US/US]; 539 Hamilton Way, Apt. #1, Powell, WY 82435 (US). HARDER, Nathan, J. [US/US]; 522 Avenue F, Powell, WY 82435 (US).

(74) ROSE, Collin, A.; CONLEY ROSE, P. C., P. O. Box 3267, Houston, TX 77002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E02F 3/88

(11) WO 2004/094735 (13) A1

(21) PCT/NO2004/000110

(22) 22 Apr/avr 2004 (22.04.2004)

(25) no (26) en

(30) 20031831 24 Apr/avr 2003 NO (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND DEVICE FOR THE REMOVAL OF CUTTINGS FROM A SUBSEA BOREHOLE

• PROCEDE ET DISPOSITIF D'ELIMINATION DE DEBLAIS D'UN Puits de forage sous-marin

(71) FOSSURA AS [NO/NO]; Leira, N-6590 Tustna (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JACOBSEN, Tom [NO/NO]; Oscar Wistings v. 54, N-7020 Trondheim (NO). FAGERVOLD, Terje [NO/NO]; Leira, N-6590 Tustna (NO).

(74) CURO AS; Box 38, N-7231 LUNDAMO (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E03D 1/14

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(21) PCT/ES2004/070017

(22) 5 Apr/avr 2004 (05.04.2004)

(25) es (26) es

(30) P200300929 22 Apr/avr 2003 ES (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MECHANISM FOR FULL OR SELECTIVE FLUSHING OF TOILET TANKS

• MECANISME DE DEVERSEMENT TOTAL OU SELECTIF DE RESERVOIRS DE TOILETTES

(71) IDROLS, S.A. [ES/ES]; Avda. de Valencia km. 62.850, 12080 Castellón, E-12080 Castellón (ES).

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(72, 75) GUAITA DE LILA, Ernesto [ES/ES]; Avda. de Valencia km 62.850, 12080 Castellón, E-12080 Castellón (ES).

(74) SANZ-BERMELL MARTINEZ, Alejandro; C/ JATIVA, 4, 46002 Valencia, E-46002 Valencia (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) PD2003A000082 24 Apr/avr 2003 IT (24.04.2003)

(30) PD2003A000149 2 Jul/juil 2003 IT (02.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ASPIRATING APPARATUS PARTICULARLY FOR TOILETS

• APPAREIL ASPIRATEUR NOTAMMENT POUR CABINET DE TOILETTE

(71, 72) MATTIELLO, Ruggero [IT/IT]; Via Istria 16/C, I-35135 Padova (IT).

(74) BALDISSERA, Marco, Felice; c/o Baldissera Brevetti, Via Sacro Cuore 63, I-35135 Padova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> E03D 9/052

(11) WO 2004/094738 (13) A1

(21) PCT/FR2003/001453

(22) 12 May/mai 2003 (12.05.2003)

(25) fr (26) fr

(30) 03/04937 22 Apr/avr 2003 FR  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUCTION FAN FOR EXTRACTING SMELLS FROM TOILETS, SUPPLIED BY A RECHARGEABLE ACCUMULATOR AND/OR SOLAR CELLS

- ASPIRATEUR D'ODEURS DE TOILETTES ALIMENTÉ PAR UN ACCUMULATEUR RECHARGEABLE ET/OU DES CELLULES SOLAIRES

(71, 72) GHADRI, Ramez [FR/FR]; 6, rue de la Bascule, F-45100 Orléans (FR). GHADRI, Jayda [DE/DE]; 82 Hauptstr., 26452 Sande (DE).

(74) GHADRI, Ramez; 6, rue de la Bascule, F-45100 Orléans (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> E04B

(11) WO 2004/094739 (13) A2

(21) PCT/US2004/012046

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,435 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MODULAR BUILDING PANELS, METHOD OF ASSEMBLY OF BUILDING PANELS AND METHOD OF MAKING BUILDING PANELS

- PANNEAUX DE BATIMENT MODULAIRE, LEUR PROCÉDE D'ASSEMBLAGE ET DE FABRICATION

(71, 72) MCDONALD, Frank [US/US]; 20 Valley View Drive, Orinda, California 94563 (US). MCDONALD, Susanna, Novy [US/US]; 20 Valley View Drive, Orinda, California 94563 (US).

(74) AITKEN, Andrew, C.; VENABLE LLP, P.O. Box 22-0261, Washington, District of Columbia 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04B 2/86

(11) WO 2004/094740 (13) A1

(21) PCT/JP2003/013730

(22) 27 Oct/oct 2003 (27.10.2003)

(25) ja (26) ja

(30) 2003-113909 18 Apr/avr 2003 JP  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FINISH SETTING TYPE BUILDING WALL

- PAROI DE CONSTRUCTION DU TYPE A ASSEMBLER

(71, 72) FUJIMAKI, Junichi [JP/JP]; 2210-1, Oaza-hotchi, Karuizawa-machi, Kitasaku-gun, Nagano 389-0113 (JP). CHIBA, Kohki [JP/JP]; 1-4-1101, Kita 4-jo Nishi 19-chome, Chuoh-ku, Sapporo-shi, Hokkaido 060-0004 (JP).

(74) SUGA, Takahiko; Central Kyobashi, 17-16-201, Hatchobori 3-chome, Chuoh-ku, Tokyo 104-0032 (JP).

(81) CN KR US.

(51)<sup>7</sup> E04B 5/48, E04F 15/02, 15/22

(11) WO 2004/094741 (13) A1

(21) PCT/GB2004/001693

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 0308907.5 17 Apr/avr 2003 GB  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLOOR COVERING

- REVETEMENT DE SOL

(71) MANGAR INTERNATIONAL LIMITED [GB/GB]; Presteigne Industrial Estate, Presteigne, Powys LD8 2UF (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GARMAN, David, Edmund, Talbot [GB/GB]; 2 Penhriw, Llanfihangel Rhydythion, Llandrindod Wells, Powys LD1 5TH (GB).

(74) HILL, Richard et al. / etc.; Wilson Gunn Skerrett, Charles House, 148/9 Great Charles Street, Birmingham B3 3HT (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04B 9/00

(11) WO 2004/094742 (13) A2

(21) PCT/FR2004/000943

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/04760 16 Apr/avr 2003 FR  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUSPENDER AND METHOD OF PRODUCING A LOAD-BEARING STRUCTURE WITH ONE SUCH SUSPENDER

- SUSPENTE ET PROCÉDE DE FABRICATION D'UNE STRUCTURE PORTÉE AVEC UNE TELLE SUSPENTE

(71) LAFARGE PLATRES [FR/FR]; 500, rue Marcel Demonque, Zone du Pôle Technologique Agroparc, F-84915 Avignon Cedex 09 (FR).

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(72, 75) ARESE, Roger [FR/FR]; 3, Résidence les Aubépines, F-84800 Isle sur La Sorgue (FR).

(74) POCHART, François; Cabinet Hirsch-Pochart et Associés, 58, avenue Marceau, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement



(51)<sup>7</sup> E04C  
(11) WO 2004/094743 (13) A2  
(21) PCT/US2004/011216  
(22) 12 Apr/avr 2004 (12.04.2004)  
(25) en (26) en  
(30) 10/417,344 17 Apr/avr 2003 US  
(17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVED MAT-FACED GYPSUM BOARD  
• PLAQUE DE PLATRE REVETUE DE MATS AMELIOREE

(71) GEORGIA-PACIFIC GYPSUM CORPORATION [US/US]; 133 Peachtree Street, N.E., Atlanta, GA 30303-1847 (US).  
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(72, 75) RANDALL, Brian, G. [US/US]; 2240 Primrose Place Lane, Lawrenceville, GA 30044 (US). SMITH, Russell, S. [US/US]; 145 Hugh Drive, Covington, GA 30035 (US).

(74) SKERPON, Joseph, M.; Banner & Witcoff, Ltd., 1001 G. Street, N.W. 11th, Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04C 5/12  
(11) WO 2004/094744 (13) A1  
(21) PCT/JP2004/003453  
(22) 15 Mar/mar 2004 (15.03.2004)  
(25) ja (26) ja  
(30) 2003-115084 18 Apr/avr 2003 JP  
(18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVIATION PREVENTING STRUCTURE FOR WEDGE  
• STRUCTURE ANTI-DEVIATION POUR UN COIN

(71) SUMITOMO (SEI) STEEL WIRE CORP. [JP/JP]; 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KADOTANI, Tsutomu [JP/JP]; Dorokodanjutaku 313, 1273, Onna, Atsugi-shi, Kanagawa 2430032 (JP). TAKAGAKI, Takashi [JP/JP]; c/o Sumitomo (SEI) Steel Wire Corp., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP). YAMADA, Masato [JP/JP]; c/o Sumitomo (SEI) Steel Wire Corp., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP). MATSUBARA, Yoshiyuki [JP/JP]; c/o

Sumitomo (SEI) Steel Wire Corp., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP). NISHINO, Motonobu [JP/JP]; c/o Sumitomo (SEI) Steel Wire Corp., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 6640016 (JP).

(74) YAMANO, Hiroshi; Keimei Patent Office, 10F, Astro Shin Osaka 2 Bldg., 1-3, Nishinakajima 6-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04C 5/12  
(11) WO 2004/094745 (13) A1  
(21) PCT/JP2004/000784  
(22) 28 Jan/jan 2004 (28.01.2004)  
(25) ja (26) ja  
(30) 2003-115083 18 Apr/avr 2003 JP  
(18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WEDGE FOR FIXING PC STEEL  
• CALE DESTINEE A FIXER UNE TIGE D'ACIER PC

(71) SUMITOMO (SEI) STEEL WIRE CORP. [JP/JP]; 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KADOTANI, Tsutomu [JP/JP]; Dorokodanjutaku 313, 1273, Onna, Atsugi-shi, Kanagawa 243-0032 (JP). TAKAGAKI, Takashi [JP/JP]; c/o Sumitomo (sei) Steel Wire Corp., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). YAMADA, Masato [JP/JP]; c/o Sumitomo (sei) Steel Wire Corp., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). MATSUBARA, Yoshiyuki [JP/JP]; c/o Sumitomo (sei) Steel Wire Corp., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). NISHINO, Motonobu [JP/JP]; c/o Sumitomo (sei) Steel Wire Corp., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). INOO, Eiji [JP/JP]; Lifestagewest 307, 7, Nishino 3-chome, Itami-shi, Hyogo 664-0028 (JP).

(74) YAMANO, Hiroshi; Keimei Patent Office, 10F Astro Shin Osaka 2 Bldg., 1-3, Nishinakajima 6-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04D  
(11) WO 2004/094746 (13) A2  
(21) PCT/US2004/007693  
(22) 29 Mar/mar 2004 (29.03.2004)  
(25) en (26) en  
(30) 10/402,405 31 Mar/mar 2003 US  
(31.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIQUID DISPERSING PLATE  
• PLAQUE DE DISPERSION DE LIQUIDE

(71, 72) DIN, Michael, W. [US/US]; 54 Edgewood Drive, Florham Park, NJ 07932 (US).

(74) KRATZ, William, G., Jr.; Armstrong, Kratz, Quintos, Hanson & Brooks, LLP, Suite 1000, 1725 K Street, Washington, DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04D 13/00  
(11) WO 2004/094747 (13) A1  
(21) PCT/EP2003/004244  
(22) 24 Apr/avr 2003 (24.04.2003)  
(25) de (26) de  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR CLEANING BUILDING ROOFS  
• DISPOSITIF DE NETTOYAGE DE TOITS D'IMMEUBLES

(71, 72) WEBER, Hugo [DE/DE]; Lindenstrasse 8, 86480 Waltenhausen (DE).

(74) BINDER, Armin; Neue Bahnhofstrasse 16, 89335 Ichenhausen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-119020 23 Apr/avr 2003 JP (23.04.2003)

(30) 2004-008687 16 Jan/jan 2004 JP (16.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPLEX SYSTEM OF VEGETATION AND SOLAR CELL  
• SYSTEME COMPLEXE CONSTITUE DE VEGETATION ET D'UNE CELLULE SOLAIRE

(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku Osaka-shi Osaka, 5308228 (JP).  
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(72, 75) NOMURA, Takuji [JP/JP]; 7-28-709, Matsuyamacho Otsu-shi Shiga, 5200024 (JP). NITTA, Yoshiteru [JP/JP]; 2-5-20, Nagayoshi-kawanabe, Hirano-ku, Osaka-shi Osaka, 5470014 (JP). TAJIMA, Tsuneo [JP/JP]; c/o TAJIMA ROOFING COMPANY LIMITED 3-1, Odai 1-chome, Adachi-ku Tokyo, 1200046 (JP). IMAI, Takayoshi [JP/JP]; c/o TAJIMA ROOFING COMPANY LIMITED 3-1, Odai 1-chome, Adachi-ku Tokyo, 1200046 (JP). KOJIMA, Tooru [JP/JP]; c/o TAJIMA ROOFING COMPANY LIMITED 3-1, Odai 1-chome, Adachi-ku Tokyo, 1200046 (JP). SAKAMOTO, Akihiro [JP/JP]; c/o TAJIMA ROOFING COMPANY LIMITED 3-1, Odai 1-chome, Adachi-ku Tokyo, 1200046 (JP). HASHIMOTO, Takuji [JP/JP]; c/o TAJIMA ROOFING COMPANY LIMITED 3-1, Odai 1-chome, Adachi-ku Tokyo, 1200046 (JP).

(74) YANAGINO, Takao et al. / etc.; Noskward building, 15-5, Miyahara 1-chome, Yodogawa-ku Osaka-shi Osaka, 5320003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04F 13/00, 13/08

(11) WO 2004/094749 (13) A1

(21) PCT/EP2004/004215

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de

(30) 103 18 276.4 22 Apr/avr 2003 DE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLATE HOLDING DEVICE FIXED TO A SUBSTRUCTURE  
• DISPOSITIF DE FIXATION POUR PLAQUES, FIXE A UNE SOUS-STRUCTURE

(71) DORMA GMBH + CO. KG [DE/DE]; Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).  
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(72, 75) KREYENBORG, Ralf [DE/DE]; Nordstrasse 14, 32107 Bad Salzuflen (DE). RAND, Rolf [DE/DE]; Wichernstrasse 14a, 49326 Melle (DE). VOGLER, Thomas [DE/DE]; An der Landwehr 13, 32107 Bad Salzuflen (DE).

(74) DORMA GMBH + CO. KG; Ginzell, Lothar, Breckerfelder Strasse 42-48, 58256 Ennepetal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> E04F 13/06, 19/02, F21S 8/02, F21V 19/00, 21/00

(11) WO 2004/094750 (13) A1

(21) PCT/AU2004/000102

(22) 29 Jan/jan 2004 (29.01.2004)

(25) en (26) en

(30) 2003901988 24 Apr/avr 2003 AU (24.04.2003)

(30) 2003907215 1 Aug/août 2003 AU (01.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SHAPING MEMBER AND METHOD  
• ORGANE DE FAÇONNAGE ET PROCÉDE

(71, 72) KENESSEY, Steven [AU/AU]; 32 Shamrock PDE, Killarney HTS., NSW 2087 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> E04H

(11) WO 2004/094751 (13) A2

(21) PCT/GB2004/001591

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 0309332.5 24 Apr/avr 2003 GB (24.04.2003)

(30) 0322872.3 30 Sep/sep 2003 GB (30.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ON-SITE SHELTER PRODUCTION FACILITY  
• USINE DE PRODUCTION D'ABRIS SUR SITE

(71, 72) KING, Timothy, Ernest, Edward [GB/GB]; Yew Arch, Dallington, Heathfield, East Sussex TN21 9NH (GB).

(74) PRENTICE, Raymond, Roy; Prentice & Matthews, European Patent Attorneys, Calvert's Building, 52B Borough High Street, London SE1 1XN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E04H 1/00

(11) WO 2004/094752 (13) A1

(21) PCT/US2004/005509

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 10/394,891 19 Mar/mar 2003 US (19.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVED MODULAR BUILDING CONNECTOR  
• CONNECTEUR DE CONSTRUCTION MODULAIRE AMELIORE

(71, 72) LOCKE, Reginald, A., J. [US/US]; 915 Douglas Street, San Francisco, CA 94114 (US).

(74) DELANEY, Karoline, A.; 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> E04H 4/16, E03F 7/10

(11) WO 2004/094753 (13) A1

(21) PCT/DE2004/000734

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 18 016.8 19 Apr/avr 2003 DE (19.04.2003)

(30) 103 47 235.5 10 Oct/oct 2003 DE (10.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WATER SUCTION DEVICE  
• ASPIRATEUR D'EAU

(71, 72) KESSLER, Hans-Peter [DE/DE]; Schulstrasse 9, 55234 Nieder-Wiesen (DE). SCHMID, Thomas [DE/DE]; Schulstrasse 10, 55234 Nieder-Wiesen (DE).

(74) BECKER, Bernd; Becker & Aue, Saarlandstrasse 66, 55411 Bingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> E04H 15/20

(11) WO 2004/094754 (13) A1

(21) PCT/CH2004/000155

(22) 16 Mar/mar 2004 (16.03.2004)

(25) de (26) de

(30) 722/03 23 Apr/avr 2003 CH (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VARIABLE PNEUMATIC STRUCTURAL ELEMENT  
• COMPOSANT PNEUMATIQUE VARIABLE

(71) PROSPECTIVE CONCEPTS AG [CH/CH]; Flughafenstrasse 41, 8152 Glatbrugg (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUCHSINGER, Rolf, H. [CH/CH]; Blindenholzstrasse 25, 8610 Uster (CH).

(74) SALGO, Dr. Reinhold, C.; Rütistrasse 103, 8636 Wald Zh (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E05B 41/00

(11) WO 2004/094755 (13) A1

(21) PCT/US2004/007889

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/400,987 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MORTISE LOCK STATUS INDICATOR  
• INDICATEUR D'ETAT DE SERRURE A MORTAISE

(71) SARGENT MANUFACTURING COMPANY [US/US]; 100 Sargent Drive, New Haven, CT 06511 (US).

(72) HUANG, Richard, Hai; 119 Main Street, Unit D-3, West Haven, CT 06516 (US).

(74) DeLIO, Anthony, P. et al. / etc.; DeLio & Peterson, LLC, 121 Whitney Avenue, New Haven, CT 06510 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E05B 65/20

(11) WO 2004/094756 (13) A1

(21) PCT/US2004/012300

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,518 22 Apr/avr 2003 US (22.04.2003)

(30) 10/828,996 20 Apr/avr 2004 US (20.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTRONIC DOOR LATCH SYSTEM WITH WATER REJECTION FILTERING

• SYSTEME DE VERROU ELECTRONIQUE A FILTRAGE DE REJET D'EAU

(71) TOUCHSENSOR TECHNOLOGIES, LLC [US/US]; 203 N. Gables Boulevard, Wheaton, IL 60187 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) STEENWYK, Timothy, Edward; 5916 Bayberry Farms, Apt. #10, Grandville, MI 49418 (US).

(74) VRLA, Mark, P.; Jenner & Block LLP, One IBM Plaza, Chicago, IL 60611 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E05D 15/24

(11) WO 2004/094757 (13) A1

(21) PCT/US2004/012336

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/421,189 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TRACK ASSEMBLY FOR AN OVERHEAD DOOR  
• ENSEMBLE CHEMIN DE ROULEMENT POUR PORTE ROULANTE A LEVAGE VERTICAL

(71) WAYNE-DALTON CORP. [US/US]; One Door Drive, P.O. Box 67, Mt. Hope, OH 44660 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MULLET, Willis, J. [US/US]; 1318 Soundview Trail, Gulf Breeze, FL 32561 (US). PAQUETTE, Derek, S. [US/US]; 19330 Oak Hillcrest Drive, Robertsdale, AL 36567 (US). RUSNAK, Gregory, M. [US/US]; 7650 Tuttle Blvd., Milton, FL 32583 (US). COOKE, Kenneth, D. [US/US]; 2301 Parker Road, Cantonment, FL 32533 (US).

(74) KENNER, Phillip, L. et al. / etc.; First National Tower, Fourth Floor, Akron, OH 44308-1456 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> E05F 11/48

(11) WO 2004/094758 (13) A1

(21) PCT/ES2004/000055

(22) 10 Feb/fév 2004 (10.02.2004)

(25) es (26) es

(30) P 200301027 22 Apr/avr 2003 ES (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WINDOW REGULATOR FOR MOTOR VEHICLES

• LEVE-VITRE POUR VEHICULES AUTOMOBILES

(71, 72) DAUMAL CASTELLON, Melchor [ES/ES]; Diputación, 455-457, E-08013 Barcelona (ES).

(74) MORGADES MANONELLES, Juan Antonio; Rector Ubach, 37-39 bajos 2ª, E-08021 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E06B 9/326

(11) WO 2004/094759 (13) A1

(21) PCT/NL2004/000270

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 1023256 24 Apr/avr 2003 NL (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CORD SAFETY DEVICE

• DISPOSITIF DE SECURITE DE CORDON

(71) VEROSOL NEDERLAND B.V. [NL/NL]; Strootsweg 22, NL-7547 RW Enschede (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KROSENBRINK, Gerhard, Albert [NL/NL]; Korenburgerveenweg 7, NL-7119 AR Winterswijk (NL).

(74) 'T JONG, Bastiaan, Jacob; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E06C 1/56, B63B 27/14

(11) WO 2004/094760 (13) A1

(21) PCT/AU2004/000556

(22) 27 Apr/avr 2004 (27.04.2004)

(25) en (26) en

(30) 2003901955 24 Apr/avr 2003 AU (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A LADDER FOR BOARDING MARINE VESSELS

• ECHELLE DE COQUE DE BATIMENTS DE MER

(71) BEAVER SALES PTY LIMITED [AU/AU]; 340 Victoria Street, Wetherill Park, NSW 2164 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CARR, Richard, Lovick, Palgrave [AU/AU]; 340 Victoria Street, Wetherill Park, NSW 2164 (AU).

(74) MAXWELL, Peter, Francis; Peter Maxwell & Associates, Level 6, 60 Pitt Street, Sydney, NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B

(11) WO 2004/094761 (13) A2

(21) PCT/US2004/010072

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/417,759 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR SELECTIVELY POSITIONING PROPPANTS IN HIGH CONTRAST PERMEABILITY FORMATIONS TO ENHANCE HYDROCARBON RECOVERY

• PROCEDE POUR POSITIONNER DE MANIERE SELECTIVE DES AGENTS DE SOUTÈNEMENT DANS DES FORMATIONS A PERMEABILITES HAUTEMENT CONTRASTÈES, AFIN D'AMELIORER LA RECUPERATION D'HYDROCARBURES

(71) CHEVRON U.S.A. INC. [US/US]; 3rd floor, 6001 Bollinger Canyon Road, San Ramon, CA 94583 (US).

(71, 72) GONZALEZ, Manuel, E. [US/US]; 1602 Seven Maples Drive, Kingwood, TX 77345 (US). SCHMIDT, Joseph, H. [US/US]; 1121 - 35th Street, Galveston, TX 77550 (US).

(74) SCHULTE, Richard, J. et al. / etc.; Chevrontexaco Corporation, Law Department, P.O. Box 6006, San Ramon, CA 94583-0806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B

(11) WO 2004/094762 (13) A2

(21) PCT/US2004/011610

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,882 17 Apr/avr 2003 US (17.04.2003)

(30) 10/822,353 12 Apr/avr 2004 US (12.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STRUCTURAL CONNECTOR FOR A DRILLING RIG SUBSTRUCTURE

• CONNECTEUR DE STRUCTURE POUR INFRASTRUCTURE D'INSTALLATION DE FORAGE

(71) NATIONAL OILWELL, INC. [US/US]; 10000 Richmond Avenue, 4th Floor, Houston, TX 77042 (US).

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(72, 75) PALIDIS, Anastasios [CA/US]; 22711 Bloomridge Circle, Katy, TX 77450 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B

(11) WO 2004/094763 (13) A2

(21) PCT/US2004/011859

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,367 16 Apr/avr 2003 US (16.04.2003)

(30) 60/484,457 2 Jul/juil 2003 US (02.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW COST INDUCTOR DEVICES MANUFACTURED FROM CONDUCTIVE LOADED RESIN-BASED MATERIALS

• DISPOSITIFS D'INDUCTION DE FAIBLE COUT FABRIQUES A PARTIR DE MATERIAUX CONDUCTEURS A BASE DE RESINE

(71) INTEGRAL TECHNOLOGIES, INC. [US/US]; 805 West Orchard Drive, Suite 3, Bellingham, WA 98225 (US).

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(72, 75) AISENBREY, Thomas [US/US]; 5820 Wood Sorrel Drive, Littleton, CO 80123 (US).

(74) SAILE, George, O. et al. / etc.; 28 Davis Avenue, Poughkeepsie, NY 12603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR

TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> E21B

(11) WO 2004/094764 (13) A2

(21) PCT/US2004/011860

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,362 16 Apr/avr 2003 US (16.04.2003)

(30) 60/478,772 16 Jun/juin 2003 US (16.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW COST CAPACITORS MANUFACTURED FROM CONDUCTIVE LOADED RESIN-BASED MATERIALS

• CONDENSATEURS DE FAIBLE COUT FABRIQUES A PARTIR DE MATERIAUX CONDUCTEURS CHARGES A BASE DE RESINE

(71) INTEGRAL TECHNOLOGIES, INC. [US/US]; 805 West Orchard Drive, Suite 3, Bellingham, WA 98225 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AISENBREY, Thomas [US/US]; 5820 Wood Sorrel Drive, Littleton, CO 80123 (US).

(74) SAILE, George, O. et al. / etc.; 28 Davis Avenue, Poughkeepsie, NY 12603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> E21B

(11) WO 2004/094765 (13) A2

(21) PCT/US2004/011897

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,032 16 Apr/avr 2003 US (16.04.2003)

(30) 60/463,033 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GEOTHERMAL SYSTEMS WITH IMPROVED CONTROL STRATEGIES

• SYSTEMES GEOTHERMIQUES A STRATEGIES DE COMMANDE AMELIOREES

(71) GEOTHERMAL DESIGN GROUP, INC. [US/US]; 2 Forsythia Court, Lafayette Hill, PA 19444 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) HARRELL, James, E., Jr. [US/US]; #2 Forsythia Court, Lafayette Hill, PA 19444 (US). KOENIG, Albert [US/US]; 20 Mineral Springs Road, Coatesville, PA 19320 (US).

(74) VAN DYKE, Raymond; Nixon Peabody LLP, 401 9th Street N.W., Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B

(11) WO 2004/094766 (13) A2

(21) PCT/US2004/011973

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,586 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR RADIALLY EXPANDING AND PLASTICALLY DEFORMING A TUBULAR MEMBER

- APPAREIL SERVANT A ETENDRE RADIALEMENT ET DEFORMER PLASTIQUEMENT UN ELEMENT TUBULAIRE
- (71) **ENVENTURE GLOBAL TECHNOLOGY** [US/US]; 16200 A. Park Row, Houston, TX 77084 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BRISCO, David, Paul** [US/US]; 405 Westridge Drive, Duncan, OK 73533 (US).  
**WATSON, Brock, Wayne** [US/US]; 2535 Marsh Lane #1004, Carrollton, TX 75006 (US).  
**TRECE, Harold** [US/US]; 213 Ridgcrest Drive, Duncan, OK 73533 (US).
- (74) **MATTINGLY, Todd**; Haynes and Boone, LLP, 901 Main Street, Suite 3100, Dallas, TX 75202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) *for / pour US only / seulement*
- 
- (51)<sup>7</sup> **E21B**
- (11) **WO 2004/094767** (13) A2
- (21) PCT/US2004/012304
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 10/421,135 **23 Apr/avr 2003** US  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EXPANDED LINER SYSTEM AND METHOD  
• SYSTEME DE COLONNE PERDUE DILATEE ET PROCEDE ASSOCIE
- (71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 4100 Clinton Drive, Houston, TX 77020 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHEN, Chen-Kang, D.** [US/US]; 1818 Wagon Gap Trail, Houston, TX 77090 (US).  
**GLEITMAN, Daniel, D.** [US/US]; 637 Cortlandt Street, Houston, TX 77007 (US).  
**RAO, M., Vikram** [US/US]; 6429 Edloe Street, Houston, TX 77005 (US).
- (74) **HELMREICH, Loren, G.**; Browning Bushman P.C., Suite 1800, 5718 Westheimer, Houston, TX 77057 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **E21B**
- (11) **WO 2004/094769** (13) A2
- (21) PCT/US2004/001445
- (22) **21 Jan/jan 2004 (21.01.2004)**
- (25) en (26) en
- (30) 10/347,973 **21 Mar/mar 2003** US  
(21.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMPROVED WELL SCREEN WITH INTERNAL SHUNT TUBES EXIT NOZZLES AND CONNECTORS WITH MANIFOLD  
• FILTRE DE PUITTS AMELIORE AVEC TUBES DE DERIVATION INTERNES, BUSES D'EVACUATION ET RACCORDS AVEC COLLECTEUR
- (71) **RESLINK, INC.** [US/US]; 1121 Buschong Road, Houston, TX 77039 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **TERJE, Gunnerod**; Reslink, Inc., 1121 Guschong Road, Houston, TX 77039 (US).
- (74) **OSTFELD, David, M.**; Chamberlain, Hrdlicka, White, Williams & Martin, 1200 Smith Street, Suite 1400, Houston, TX 77002-4310 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **E21B**
- (11) **WO 2004/094770** (13) A2
- (21) PCT/US2004/005248
- (22) **20 Feb/fév 2004 (20.02.2004)**
- (25) en (26) en
- (30) 10/405,382 **2 Apr/avr 2003** US  
(02.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DOWNHOLE PUMP  
• POMPE DE FOND
- (71) **MY-D HAN-D COMPANY** [US/US]; 10881 McArtor Road, Dodge City, KS 67801 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TIEBEN, James, B.** [US/US]; West Highway 56, Dodge City, KS 67801 (US).
- (74) **STOVER, Andrew, D.**; Brinks, Hofer, Gilson & Lione, P.O.Box 10087, Chicago, IL 60610 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B

(11) WO 2004/094771 (13) A2

(21) PCT/US2004/005756

(22) 6 Feb/fév 2004 (06.02.2004)

(25) en (26) en

(30) 10/400,257 27 Mar/mar 2003 US (27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VIBRATORY SCREENING MACHINE FOR EARTH DRILLING INSTALLATION

• CRIBLE VIBRANT DESTINE A UN SYSTEME DE FORAGE DE TERRAIN

(71) DERRICK MANUFACTURING CORPORATION [US/US]; 590 Duke Road, Buffalo, NY 14225 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) PERESAN, Michael, Lawrence

(74) GASTEL, Joseph, P.; 295 Main Street, Suite 722, Buffalo, NY 14203-2507 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B 10/28, 7/28, E21D 9/10

(11) WO 2004/094772 (13) A1

(21) PCT/SE2004/000551

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 0301167-3 22 Apr/avr 2003 SE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A ROCK DRILL BIT ASSEMBLY

• ENSEMBLE TAILLANT DE FLEURET

(71) ATLAS COPCO SECOROC AB [SE/SE]; Box 521, S-737 25 FAGERSTA (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOLMGREN, Lars [SE/SE]; Pilgatan 14, S-733 37 Sala (SE).

(74) KARLSTRÖM, Lennart et al. / etc.; NORÉNS PATENTBYRÅ AB, Box 10198, S-100 55 STOCKHOLM (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B 10/32

(11) WO 2004/094773 (13) A1

(21) PCT/US2004/012372

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/422,010 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DRILLING TOOL HAVING AN EXPANDABLE BLADDER AND METHOD FOR USING SAME

• OUTIL DE FORAGE DOTE D'UNE VESSIE DILATABLE ET SON PROCEDE D'UTILISATION

(71) VAREL ACQUISITIONM, LTD. [US/US]; 1434 Patton, Suite 106, Carrollton, TX 75007 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRAVATTE, Philippe, Louis [BE/GB]; 123 Woodend Crescent, AB15 6YS Aberdeen (GB).

(74) PEDERSEN, Luke, K.; Baker Botts LLP, 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E21B 19/00

(11) WO 2004/094774 (13) A1

(21) PCT/US2004/008336

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/402,667 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BLOW OUT PREVENTER TRANSPORTATION AND INSTALLATION SYSTEM

• SYSTEME DE TRANSPORT ET D'INSTALLATION D'OBTURATEUR DE PUITS

(71) HELMERICH & PAYNE, INC. [US/US]; 1437 South Boulder, Tulsa, OK 74119 (US). (for all designated States except / pour tous les États désignés sauf US)

(72) ORR, Alan; 3519 East 110th, Tulsa, OK 74137 (US). DOTSON, George; 1918 East 30th Place, Tulsa, OK 74114 (US).

(74) KACHIGIAN, Mark, G.; 228 West 17th Place, Tulsa, OK 74119 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> E21B 23/02, 33/12, 34/10

(11) WO 2004/094775 (13) A2

(21) PCT/US2004/011365

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 60/463,163 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SAND CONTROL FOR BLANKING PLUG

• MÉTHODE DE LUTTE CONTRE LE SABLE POUR BOUCHON D'OBTURATION

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) ST. CLAIRE, Guy; 55 Douglas Drive, Bedford, Nova Scotia B3B 1R8 (CA).

(74) CARSON, Matt et al. / etc.; 9100 Emmott Road, Houston, TX 77040 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B 33/13

(11) WO 2004/094776 (13) A1

(21) PCT/GB2004/001503

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

- (30) 10/413,650 **15 Apr/avr 2003** US  
(15.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BIODEGRADABLE DISPERSANTS FOR CEMENT COMPOSITIONS AND METHODS OF CEMENTING IN SUBTERRANEAN FORMATIONS
- DISPERSANTS BIODEGRADABLES POUR COMPOSITIONS DE CIMENT ET PROCÉDES DE CIMENTATION DANS DES FORMATIONS SOUTERRAINES
- (71) HALLIBURTON ENERGY SERVICES, INC [US/US]; P.O. Box 1431, Duncan, OK 73533 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71) WAIN, Christopher, Paul [GB/GB]; AA Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).  
*(only for / seulement pour MW)*
- (72, 75) REDDY, Baireddy, Raghava [IN/US]; 2013 Waverly Drive, Duncan, OK 73533 (US). EOFF, Larry, Steven [US/US]; 2201 Cedar, Duncan, OK 73533 (US).
- (74) WAIN, Christopher Paul et al. / etc.; AA Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> E21B 33/13, C04B 28/06
- (11) WO 2004/094778 (13) A1
- (21) PCT/GB2004/001514
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 10/423,207 **24 Apr/avr 2003** US  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CEMENT COMPOSITIONS WITH IMPROVED CORROSION RESISTANCE AND METHODS OF CEMENTING IN SUBTERRANEAN FORMATIONS
- COMPOSITIONS DE CIMENT A RESISTANCE AMELIOREE A LA CORROSION ET PROCÉDES DE CIMENTATION DE FORMATIONS SOUTERRAINES
- (71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; P.O. Box 1431, Duncan, OK 73533 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71) WAIN, Christopher, Paul [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V /LE (GB).  
*(only for / seulement pour MW)*
- (72, 75) BROTHERS, Lance, E. [US/US]; 928 S 8th, Chickasha, OK 73018 (US). CAVENY, William, J. [US/US]; Route 2, Box 282, Rush Springs, OK 73082 (US).
- (74) WAIN, Christopher Paul et al. / etc.; AA Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> E21B 33/13, C04B 28/02
- (11) WO 2004/094777 (13) A1
- (21) PCT/GB2004/001512
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 10/420,447 **22 Apr/avr 2003** US  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BIODEGRADABLE CEMENT RETARDER COMPOSITIONS AND METHODS OF CEMENTING IN A SUBTERRANEAN FORMATION
- COMPOSITIONS BIODEGRADABLES A EFFET RETARDATEUR POUR CIMENT ET PROCÉDES DE CIMENTATION DANS UNE FORMATION SOUTERRAINE
- (71) HALLIBURTON ENERGY SERVICES, INC [US/US]; P.O. Box 1431, Duncan, OK 73533 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71) WAIN, Christopher, Paul [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).  
*(only for / seulement pour MW)*
- 
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> E21B 34/14, 23/00, 23/08
- (11) WO 2004/094779 (13) A1
- (21) PCT/GB2004/001698
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 0309038.8 **22 Apr/avr 2003** GB  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DOWNHOLE TOOL
- OUTIL DE FOND
- (71) SPECIALISED PETROLEUM SERVICES GROUP LIMITED [GB/GB]; Arnhall Business Park, Westhill, Aberdeen AB32 6UF (GB).  
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- (72, 75) TELFER, George [GB/GB]; 19 Grosvenor Place, Aberdeen AB25 2RE (GB).
- (74) KENNEDYS PATENT AGENCY LIMITED; Floor 5, Queens House, 29 St. Vincent Place, Glasgow G1 2DT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> E21B 43/25, C09K 7/02
- (11) WO 2004/094780 (13) A1
- (21) PCT/GB2004/001642
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en (26) en
- (30) 10/418,467 **18 Apr/avr 2003** US  
(18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS AND COMPOSITIONS FOR TREATING SUBTERRANEAN ZONES USING ENVIRONMENTALLY SAFE POLYMER BREAKERS
- METHODES ET COMPOSITIONS POUR LE TRAITEMENT DE ZONES SOUTERRAINES FAISANT APPEL A DES BRISEURS DE POLYMERE ECOLOGIQUES
- (71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; P.O. Box 1431, Duncan, OK 73533 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71) WAIN, Christopher, Paul [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).



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(72, 75) **TODD, Bradley, L.** [US/US]; 1810 Windsor Drive, Duncan, OK 73533 (US).  
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(74) **WAIN, Christopher, Paul et al. / etc.; A.A.** Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B 43/26, 43/25, C09K 7/02

(11) WO 2004/094781 (13) A1

(21) PCT/GB2004/000967

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 10/419,013 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS OF TREATING SUBTERRANEAN FORMATIONS USING HYDROPHOBICALLY MODIFIED POLYMERS AND COMPOSITIONS OF THE SAME

• PROCEDES DE TRAITEMENT DE FORMATIONS SOUTERRAINES AU MOYEN DE POLYMERES MODIFIES DE MANIERE HYDROPHOBE ET COMPOSITIONS COMPRENANT CEUX-CI

(71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; P.O. Box 1431, Duncan, OK 73533 (US).

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(71) **WAIN, Christopher, Paul** [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(only for / seulement pour MW)

(72, 75) **HARRIS, Philip, C.** [US/US]; 2002 Woodrock Drive, Duncan, OK 73533 (US).  
**HEATH, Stanley, J.** [US/US]; 5120 Billy Lane, Duncan, OK 73533 (US).  
**FUNKHOUSER, Gary, P.** [US/US]; Route 5, Box 44C, Duncan, OK 73533 (US).

(74) **WAIN, Christopher, Paul et al. / etc.; A.A.** Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21B 43/30, 43/00

(11) WO 2004/094782 (13) A1

(21) PCT/US2004/012029

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/419,529 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SLOT CAVITY  
• CAVITE EN FORME DE FENTE

(71) **CDX GAS, L.L.C.** [US/US]; 5485 Beltline Road, Suite 190, Dallas, TX 75254-7687 (US).

(72, 75) **ZUPANICK, Joseph, A.** [US/US]; Post Office Box 1797, Pineville, WV 24874 (US).  
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(74) **STALFORD, Terry, J.**; Fish and Richardson P.C., 5000 Bank One Center, 1717 Main Street, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declarations / Déclarations :

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(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> E21B 47/00, 10/20

(11) WO 2004/094783 (13) A1

(21) PCT/EP2004/050542

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 03076196.9 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WELL STRING ASSEMBLY  
• ENSEMBLE TRAIN DE TIGES

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPLIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

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(71) **SHELL CANADA LIMITED** [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).

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(72, 75) **BERKHEIMER, Earl, Eugene** [US/US]; 83 West Shore Drive, Arcadia, Oklahoma 73007 (US).  
**RUNIA, Douwe, Johannes** [NL/NL]; Volmerlaan 8, NL-2288 GD Rijswijk (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21D

(11) WO 2004/094784 (13) A2

(21) PCT/US2004/001599

(22) 20 Jan/jan 2004 (20.01.2004)

(25) en (26) en

(30) 60/459,151 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A WELLBORE APPARATUS AND METHOD FOR COMPLETION, PRODUCTION AND INJECTION

• APPAREIL ET UN PROCEDE RELATIFS A L'ACHEVEMENT D'UN PUIT, LA PRODUCTION ET L'INJECTION

(71) **EXXONMOBIL UPSTREAM RESEARCH COMPANY** [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DALE, Bruce, A.** [US/US]; 7122 Hidden Trails Court, Sugar Land, TX 77479 (US).  
**MOHR, John, W.** [US/US]; 3015 Cotter Lake Circle, Missouri City, TX 77459 (US).  
**YEH, Charles, S.** [US/US]; 9511 Merlins Oaks Court, Spring, TX 77379 (US).

(74) **KATZ, Gary, P. et al. / etc.; ExxonMobil Upstream Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).**

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

## Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)<sup>7</sup> E21D 13/00, 9/14

(11) WO 2004/094785 (13) A1

(21) PCT/EA2004/000002

(22) 29 Jan/jan 2004 (29.01.2004)

(25) ru (26) ru

(30) 200300588 24 Apr/avr 2003 EA (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TWO-LEVEL TUNNEL AND METHOD FOR BUILDING SAID TUNNEL

• TUNNEL A DEUX NIVEAUX ET PROCEDE DE CONSTRUCTION ASSOCIE

(71) OTKRYTOE AKTSIONERNOE OBSHESTVO "METROGIPROTRANS" [RU/RU]; ul. Novokuznetskaya, 43/16-1, Moscow, 115054 (RU). ZAKRYTOE AKTSIONERNOE OBSHESTVO "PROEKTNO-STROITELNOE OBIEDINENIE "SISTEMA-GALS" [RU/RU]; Bolshaya Tatarskaya, 35-23-24, Moscow, 113184 (RU).

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(72, 75) ABRAMSON, Valeri Mikhailovich [RU/RU]; Khamovnicheski val, 16-40, Moscow, 119270 (RU). GAEV, Dmitri Vladimirovich [RU/RU]; ul. Vyborgskaya, 4-1-10, Moscow, 112348 (RU). ZAKIROV, Adilzhan [UZ/UZ]; Okibat, 73, Tashkent, 700055 (UZ). ISAEV, Aleksei Grigorievich [RU/RU]; Yasny pr., 15-37, Moscow, 129081 (RU). LUBOTSKI, Sergei Jurievich [RU/RU]; ul. Kusunina, 6A-65, Moscow,

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(74) GORYACHKINA, Tatyana Georgievna; ul. Novokuznetskaya, 43/16-1, Moscow, 115054 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> E21F 1/00

(11) WO 2004/094786 (13) A1

(21) PCT/US2004/011537

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/417,003 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LASER WELLBORE COMPLETION APPARATUS AND METHOD

• APPAREIL ET PROCEDE LASER PERMETTANT D'ACHEVER UN Puits DE FORAGE

(71) GAS TECHNOLOGY INSTITUTE [US/US]; 1700 South Mount Prospect Road, Des Plaines, IL 60018 (US).

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(72) BATARSEH, Samih; 1870 West Palm Drive #379, Mount Prospect, IL 60056 (US).

(74) FEJER, Mark E.; Gas Technology Institute, 1700 South Mount Prospect Road, Des Plaines, IL 60018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F01C 1/067

(11) WO 2004/094787 (13) A1

(21) PCT/IN2003/000167

(22) 22 Apr/avr 2003 (22.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS ADAPTED TO PERFORM AS COMPRESSOR, MOTOR, PUMP AND INTERNAL COMBUSTION ENGINE

• APPAREIL ADAPTE POUR SERVIR DE COMPRESSEUR, DE MOTEUR, DE POMPE ET DE MOTEUR A COMBUSTION INTERNE

(71, 72) KAMATH, Das, Ajee [IN/IN]; A-601, Dheraj Gaurav Heights Building No. 2, A-Wing, 6th Floor, New Link Road, Adarsh Nagar, Andheri (West), Mumbai 400 053, Maharashtra (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> F01D 5/14, 5/20, 5/18, 11/00

(11) WO 2004/094788 (13) A1

(21) PCT/US2004/012107

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/420,868 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TURBINE BUCKET WITH CURVED AFT SHANK WALLS FOR STRESS REDUCTION

• AUBE DE TURBINE AVEC PAROIS DE SUPPORT ARRIERE INCURVEES POUR REDUCTION DE CONTRAINTE

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) BRITTINGHAM, Robert, Alan; 419 Woodson Road, Piedmont, SC 29673 (US).

(74) MITCHELL, James, W. et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> F01D 5/20, 11/12

(11) WO 2004/094789 (13) A1

(21) PCT/US2004/011708

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/418,116 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CENTER-LOCATED CUTTER TEETH ON SHROUDED TURBINE BLADES  
• DENTS DE FRAISE CENTRALE SUR PALES DE TURBINE RENFORCEES

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) URBAN, John, Paul; 1313 Delicata Lane, Greer, SC 29650 (US).

(74) MITCHELL, James, W. et al. / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> F01L

(11) WO 2004/094790 (13) A2

(21) PCT/US2004/011763

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,480 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EXTENDABLE/RETRACTABLE SUPPORT COLUMN  
• COLONNE DE SUPPORT ETI-RABLE/RETRACTABLE

(71) TOWER SOLUTIONS, LLC [US/US]; 9814 North 83rd Place, Scottsdale, AZ 85258-1345 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLMAN, Mark [US/US]; 1174 Rolling Hills Terrace, Hudson, WI 54016 (US). NORRIS, John [US/US]; 12015 Innsbruck Parkway, Columbia Heights, MN 55421 (US).

(74) BRUESS, Steven, C.; Merchant & Could P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01L 1/18, 13/00

(11) WO 2004/094791 (13) A1

(21) PCT/EP2004/002369

(22) 9 Mar/mar 2004 (09.03.2004)

(25) de (26) de

(30) 103 18 295.0 23 Apr/avr 2003 DE (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ROCKER ARM OF A VALVE GEAR OF A COMBUSTION ENGINE  
• BASCULEUR D'UN MECANISME DE DISTRIBUTION D'UN MOTEUR A COMBUSTION INTERNE

(71) INA-SCHAEFFLER KG [DE/DE]; Industriestr. 1 - 3, 91074 Herzogenaurach (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEITZ, Joachim [DE/DE]; Ludwig-Thoma-Strasse 10, 96132 Schlüsselfeld (DE). RÖRIG, Bodo [DE/DE]; Am Alten Sportplatz 39, 91085 Weisendorf (DE). OPI-PARI, Anteo [US/US]; 3rd Street 509, Royal Oak, Michigan 48067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F01L 9/00

(11) WO 2004/094792 (13) A2

(21) PCT/US2004/012151

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,468 17 Apr/avr 2003 US (17.04.2003)

(30) 10/824,837 15 Apr/avr 2004 US (15.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS OF CONTROLLING A CAMLESS ENGINE TO PREVENT INTERFERENCE BETWEEN VALVES AND PISTONS

• PROCEDES DE COMMANDE D'UN MOTEUR SANS CAMES POUR EMPECHER DES INTERFERENCES ENTRE SOUPAPES ET PISTONS

(71) STURMAN INDUSTRIES, INC. [US/US]; One Innovation Way, Woodland Park, CO 80863 (US).  
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BABBITT, Guy, Robert** [US/US]; 546 W. Boulder Street, Colorado Springs, CO 80905 (US). **BALTON, Christopher, Stevens** [US/US]; 324 Spring Street, Manitou Springs, CO 80829 (US).
- (74) **BLAKELY, Roger, W. et al. / etc.**; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **F01N 7/14, 3/08**
- (11) **WO 2004/094794** (13) A1
- (21) PCT/US2004/008989
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 03100880.8 **2 Apr/avr 2003 EP (02.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EXHAUST SYSTEM COMPONENT HAVING INSULATED DOUBLE WALL  
• COMPOSANT POUR SYSTEME D'ÉCHAPPEMENT A DOUBLE PARIOL ISOLEE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MERRY, Richard P.**, [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (74) **KNECHT, Harold C., III et al. / etc.**; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F02B 39/04, 39/12**
- (11) **WO 2004/094796** (13) A1
- (21) PCT/IN2004/000111
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 239/MAS/2003 **21 Apr/avr 2003 IN (21.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A CENTRIFUGAL ENGINE CHARGER DRIVEN BY COMBINED GEARING SYSTEM FOR MULTI SPEED OPERATION AND A METHOD OF POWER TRANSMISSION  
• CHARGEUR DE MOTEUR CENTRIFUGE ENTRAINE PAR UN SYSTEME D'ENGRENAGE COMBINE ET DESTINE A UN FONCTIONNEMENT A PLUSIEURS VITESSES ET PROCEDE DE TRANSMISSION DE PUISSANCE
- (71) **PREUSSE INDIA (P) LTD** [IN/IN]; 884 KAMAKSHI PALYA EXTENSION, MAGADI ROAD, BANGALORE 560079 (IN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HUNDEKAR, Rajeev, Siddaramappa** [IN/IN]; PREUSSE INDIA (P) LTD, 884 KAMAKSHI PALYA EXTENSION, MAGADI ROAD, BANGALORE 560079 (IN).
- (74) **LAKSHMIKUMARAN, Varadhachari et al. / etc.**; Lakshmi Kumaran & Sridharan, B-4/158, Safdarjung Enclave, New Delhi 110029 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
- 
- (51)<sup>7</sup> **F02B**
- (11) **WO 2004/094795** (13) A2
- (21) PCT/US2004/008441
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) en (26) en
- (30) 10/411,917 **11 Apr/avr 2003 US (11.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PLASMATRON FUEL CONVERTER HAVING DECOUPLED AIR FLOW CONTROL  
• CONVERTISSEUR DE COMBUSTIBLE PLASMATRON A COMMANDE DE FLUX D'AIR DECOUPLE
- 
- (71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; Five Cambridge Center, Cambridge, MA 02142-1493 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RABINOVICH, Alexander** [US/US]; 404 Paradise Road, #3L, Swampscott, MA 01907 (US). **ALEXEEV, Nicolai** [RU/RU]; Pavla Korchagina Street 15-99, Moscow, 129278 (RU). **BROMBERG, Leslie** [US/US]; 176 Wilshire Drive, Sharon, MA 02067 (US). **COHN, Daniel, R.** [US/US]; 26 Walnut Hill Road, Chestnut Hill, MA 02167 (US). **SAMOKHIN, Andrei** [RU/RU]; Payla Korchagina 15-99, Moscow, 129278 (RU).
- (74) **COCKS, Elijah**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **F01N 1/24, 3/24, B01D 53/94**
- (11) **WO 2004/094793** (13) A1
- (21) PCT/CN2004/000380
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 03114334.2 **24 Apr/avr 2003 CN (24.04.2003)**
- (30) 03114399.7 **30 Apr/avr 2003 CN (30.04.2003)**
- (30) 200320125349.5 **26 Dec/déc 2003 CN (26.12.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MUFFLER AND CATALYTIC CONVERTER DEVICES  
• DISPOSITIFS A SILENCIEUX ET CONVERTISSEUR CATALYTIQUE
- (71) **BYD COMPANY LIMITED** [CN/CN]; Dormitory mail-stop, BYD Company Limited, Yan An Road, Kuichong, Longgang, Shenzhen, Guangdong 518119 (CN).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **LI, Chunbo**; Dormitory mail-stop, BYD Company Limited, Yan An Road, Kuichong, Longgang, Shenzhen, Guangdong 518119 (CN). **CHENG, Hongwei**; Dormitory mail-stop, BYD Company Limited, Yan An Road, Kuichong, Shenzhen, Guangdong 518119 (CN). **WANG, Chuanfu**; Dormitory mail-stop, BYD Company Limited, Yan An Road, Kuichong, Longgang, Shenzhen, Guangdong 518119 (CN). **DONG, Junqing**; Dormitory mail-stop, BYD Company Limited, Yan An Road, Kuichong, Longgang, Shenzhen, Guangdong 518119 (CN).
- (74) **KELONG INTERNATIONAL INTELLECTUAL PROPERTY AGENCY LTD.**; Suite 1-3-303, Kejingyuan, Jimenqiao, Haidian District, Beijing 100088 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> F02D 21/00

(11) WO 2004/094797 (13) A2

(21) PCT/HU2004/000041

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) P 0301098 23 Apr/avr 2003 HU  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR ENVIRONMEN-  
TALLY-FRIENDLY UTILIZATION OF  
LEAN GASES

• METHODE D'UTILISATION ECOLO-  
GIQUE DE GAZ PAUVRES

(71, 72) OSZ, János [HU/HU]; Fo u. 24/B,  
H-2089 Telki (HU).

(74) VARGA, Tamás, Péter; Bertalan L. u. 20.  
Fsz. 3/A, H-1111 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F02D 35/00, 41/18

(11) WO 2004/094798 (13) A1

(21) PCT/JP2004/005564

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

(30) 2003-115909 21 Apr/avr 2003 JP  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INTAKE AND CONTROL DEVICES  
FOR INTERNAL COMBUSTION EN-  
GINE

• DISPOSITIFS D'ADMISSION ET DE  
COMMANDE POUR MOTEUR A COM-  
BUSTION INTERNE

(71) KEIHIN CORPORATION [JP/JP]; 26-2,  
Nishishinjuku 1-chome, Shinjuku-ku, Tokyo  
163-0539 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HATTORI, Shogo [JP/JP]; c/o Keihin  
Corporation, Tochigi, Research & Develop-  
ment Center, 2021-8, Aza Saginoyahigashi,  
Hoshakuji, Takanezawa-machi, Shioya-gun,  
Tochigi 329-1233 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu,  
Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F02D 35/00

(11) WO 2004/094799 (13) A1

(21) PCT/JP2004/005568

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

(30) 2003-116814 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTROL SYSTEM FOR INTERNAL  
COMBUSTION ENGINE

• SYSTEME DE COMMANDE POUR  
MOTEUR A COMBUSTION INTERNE

(71) KEIHIN CORPORATION [JP/JP]; 26-2,  
Nishishinjuku 1-chome, Shinjuku-ku, Tokyo  
163-0539 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HATTORI, Shogo [JP/JP]; c/o Keihin  
Corporation, Tochigi, Research & Develop-  
ment Center, 2021-8, Aza Saginoyahigashi,  
Hoshakuji, Takanezawa-machi, Shioya-gun,  
Tochigi 329-1233 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu,  
Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F02D 41/14, 45/00

(11) WO 2004/094800 (13) A1

(21) PCT/JP2004/005827

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-117468 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AIR/FUEL RATIO CONTROL DEVICE  
FOR INTERNAL COMBUSTION EN-  
GINE

• DISPOSITIF DE CONTROLE DE RAP-  
PORT AIR/CARBURANT POUR MO-  
TEUR A COMBUSTION INTERNE

(71) TOYOTA JIDOSHA KABUSHIKI  
KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi,  
Aichi, 4718571 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MITSUTANI, Noritake [JP/JP];  
c/o TOYOTA JIDOSHA KABUSHIKI  
KAISHA, 1, Toyota-cho, Toyota-shi, Aichi,  
4718571 (JP).

(74) ONDA, Hironori; 12-1, Ohmiya-cho  
2-chome, Gifu-shi, Gifu, 5008731 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F02D 41/18

(11) WO 2004/094801 (13) A1

(21) PCT/JP2004/005499

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

(30) 2003-115908 21 Apr/avr 2003 JP  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTROL DEVICE OF INTERNAL  
COMBUSTION ENGINE

• DISPOSITIF DE COMMANDE DE MO-  
TEUR A COMBUSTION INTERNE

(71) KEIHIN CORPORATION [JP/JP]; 26-2,  
Nishishinjuku 1-chome, Shinjuku-ku, Tokyo  
163-0539 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) YATABE, Fumio [JP/JP]; c/o Keihin  
Corporation, Tochigi, Research & Develop-  
ment Center, 2021-8, Aza Saginoyahigashi,

- Hoshakuji, Takanezawa-machi, Shioya-gun, Tochigi 329-1233 (JP).
- (74) **SHIGA, Masatake et al. / etc.**; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F02D 41/18, 45/00**
- (11) **WO 2004/094802** (13) A1
- (21) PCT/JP2004/005500
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) ja (26) ja
- (30) 2003-116815 **22 Apr/avr 2003** JP **(22.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE
- DISPOSITIF DE COMMANDE D'UN MOTEUR A COMBUSTION INTERNE
- (71) **KEIHIN CORPORATION** [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0539 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HATTORI, Shogo** [JP/JP]; c/o Keihin Corporation, Tochigi, Research & Development Center, 2021-8, Aza Saginoyahigashi, Hoshakuji, Takanezawa-machi, Shioya-gun, Tochigi 329-1233 (JP).
- (74) **SHIGA, Masatake et al. / etc.**; 2-3-1 Yaesu, Chuo-ku, Tokyo 104-8453 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F02D 41/30, 41/38**
- (11) **WO 2004/094804** (13) A1
- (21) PCT/EP2004/050454
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) de (26) de
- (30) 103 18 647.6 **24 Apr/avr 2003** DE **(24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR ADJUSTING THE DURATION OF FUEL INJECTION THROUGH AN INJECTION VALVE
- PROCEDE POUR AJUSTER UNE PERIODE D'INJECTION DE CARBURANT PAR UNE SOUPEPE D'INJECTION
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FRITSCH, Jürgen** [DE/DE]; Gärtnerstrasse 4a, 93059 Regensburg (DE).  
**KONGTORANIN, Treerapot** [TH/DE]; Weinweg 51, 93049 Regensburg (DE).  
**VALERO-BERTRAND, Diego** [ES/DE]; Am Ölberg 5, 93047 Regensburg (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **F02D 41/18, 45/00**
- (11) **WO 2004/094803** (13) A1
- (21) PCT/JP2004/005566
- (22) **19 Apr/avr 2004 (19.04.2004)**
- (25) ja (26) ja
- (30) 2003-116813 **22 Apr/avr 2003** JP **(22.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (54) • CONTROL DEVICE OF INTERNAL COMBUSTION ENGINE
- REGULATEUR POUR MOTEUR A COMBUSTION INTERNE
- (71) **KEIHIN CORPORATION** [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0539 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HATTORI, Shogo** [JP/JP]; c/o Keihin Corporation, Tochigi, Research & Development Center, 2021-8, Aza Saginoyahigashi, Hoshakuji, Takanezawa-machi, Shioya-gun, Tochigi 329-1233 (JP).
- (74) **SHIGA, Masatake et al. / etc.**; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> **F02D 41/30**
- (11) **WO 2004/094805** (13) A1
- (21) PCT/KR2004/000923
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) ko (26) en
- (30) 20-2003-0012421 **22 Apr/avr 2003** KR **(22.04.2003)**
- (30) 10-2003-0087065 **3 Dec/déc 2003** KR **(03.12.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • FUEL SUPPLY CONTROL SYSTEM FOR AUTOMOBILE
- SYSTEME DE COMMANDE D'ALIMENTATION EN ESSENCE POUR VEHICULE AUTOMOBILE
- (71, 72) **PARK, Hee-Joong** [KR/KR]; 106-35 (14/4), Bugae-dong., Bupyeong-gu, Incheon 403-100 (KR).
- (74) **NAM, Sang-Sun**; 9th Fl., Mackyung Media Center, 30, 1-ga, Pil-dong, Jung-ku, Seoul 100-728 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> **F02D 41/38, 35/02**
- (11) **WO 2004/094806** (13) A1
- (21) PCT/EP2004/002619
- (22) **12 Mar/mar 2004 (12.03.2004)**
- (25) de (26) de
- (30) 103 18 646.8 **24 Apr/avr 2003** DE **(24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR CONTROLLING A FUEL PRESSURE IN A FUEL SUPPLY DEVICE OF A COMBUSTION ENGINE
- PROCEDE DE REGULATION DE LA PRESSION DU CARBURANT DANS UN DISPOSITIF D'ALIMENTATION EN CARBURANT D'UN MOTEUR A COMBUSTION INTERNE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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- (72, 75) **ESER, Gerhard** [DE/DE]; Heimweg 11, 93155 Hemau (DE). **WIEST, Martin** [DE/DE]; Tiroler Strasse 41, 70329 Stuttgart-Uhlbach (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F02D 45/00

- (11) **WO 2004/094807** (13) A1
- (21) PCT/JP2004/005685
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) ja (26) ja
- (30) 2003-116073 **21 Apr/avr 2003 JP (21.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **COMBUSTION PRESSURE DATA-COLLECTING SYSTEM FOR MULTI-CYLINDER ENGINE**
- **SYSTEME DE COLLECTE DE DONNEES DE PRESSION DE COMBUSTION POUR MOTEUR POLYCYLINDRIQUE**

(71) **FUJI JUKOGYO KABUSHIKI KAISHA** [JP/JP]; 7-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASHIWASE, Hajime** [JP/JP]; c/o Fuji Jukyogyo Kabushiki Kaisha, 7-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP). **WATANABE, Hiromichi** [JP/JP] **OKOYAMA, Hiroshi** [JP/JP]

(74) **ITOH, Susumu**; Musashi Bldg., 4-4, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F02F 3/00, F16J 1/01, B22C 9/22, B22D 30/00, C21D 6/00, 9/00, C22C 28/00, 38/14

- (11) **WO 2004/094808** (13) A1
- (21) PCT/JP2004/004629
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) ja (26) ja
- (30) 2003-097015 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **PISTON FOR INTERNAL COMBUSTION ENGINE**

• **PISTON POUR MOTEUR À COMBUSTION INTERNE**

(71) **HITACHI METALS LTD.** [JP/JP]; 2-1 Shibaura 1-chome Minato-ku Tokyo, 1058614 (JP). **HINO MOTORS LTD.** [JP/JP]; 3-1-1, Hinodai Hino-shi Tokyo, 1918660 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OTSUKA, Koki** [JP/JP]; 20-15 Kamikoumagi 3-chome Moka-shi Tochigi, 3214337 (JP). **ENDO, Seiichi** [JP/JP]; 40-1-B101 Ohydaimachi Moka-shi Tochigi, 3214338 (JP). **HATTORI, Takashi** [JP/JP]; 317-3 Nakano, Shiozawa-machi Minami-Uonuma-gun Niigata, 9496437 (JP). **HARA, Masanori** [JP/JP]; 27-11 Kamikoumagi 1-chome Moka-shi Tochigi, 3214337 (JP). **KATSURAGI, Susumu** [JP/JP]; 3905 Ogura-Uenohara, Kanda-machi Miyako-gun Fukuoka, 8000353 (JP).

(74) **TAKAISHI, Kitsuma**; 67, Kagurazaka 6-chome, Shinjuku-ku, Tokyo, 1620825 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F02F 5/00, F16J 9/06

- (11) **WO 2004/094809** (13) A1
- (21) PCT/JP2004/005606
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) ja (26) ja
- (30) 2003-120169 **24 Apr/avr 2003 JP (24.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **OIL RING, METHOD OF PRODUCING THE SAME, AND PISTON STRUCTURE USING THE OIL RING**

• **SEGMENT RACLEUR, PROCEDE POUR SA PRODUCTION ET CORPS DE PISTON METTANT EN OEUVRE LEDIT SEGMENT RACLEUR**

(71) **KABUSHIKI KAISHA RIKEN** [JP/JP]; 13-5, Kudankita 1-chome, Chiyoda-ku, Tokyo, 1028202 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMADA, Masaki** [JP/JP]; c/o Kabushiki Kaisha Riken Kashiwazaki Branch, 1-37 Hokuto-cho, Kashiwazaki-shi, Niigata, 9458555 (JP). **ITO, Kuniyasu** [JP/JP]; c/o Kabushiki Kaisha Riken Kashiwazaki Branch, 1-37 Hokuto-cho, Kashiwazaki-shi, Niigata, 9458555 (JP). **KAWASAKI, Masami** [JP/JP]; c/o Toyota Motor Corporation, 1 Toyota-cho, Toyota-shi, Aichi, 4710826 (JP). **ABE, Tomoaki** [JP/JP]; c/o Toyota Motor Corporation, 1 Toyota-cho, Toyota-shi, Aichi, 4710826 (JP). **UCHIYAMA, Shigenobu** [JP/JP]; c/o Yamaha Motor Co., Ltd., 2500 shingai, Iwata-shi, Shizuoka, 4380025 (JP).

(74) **KATAYOSE, Kyozo**; YK Building 4F, 6-14, Kyobashi, 1-chome, Chuo-ku, Tokyo, 1040031 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F02M 19/03

- (11) **WO 2004/094810** (13) A1
- (21) PCT/US2004/002186
- (22) **27 Jan/jan 2004 (27.01.2004)**
- (25) en (26) en
- (30) PCT/US03/08635 **19 Mar/mar 2003 US (19.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **ANTI-DETONATION FUEL DELIVERY SYSTEM**

• **SYSTEME D'ALIMENTATION EN COMBUSTIBLE ANTIDETONATION**

(71) **BETTER BURN, LLC** [—/US]; 1525 Perimeter Parkway, Suit 225, Huntsville, AL 35806 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **DELISLE, Gilles** [MX/US]; P.O.BOX 849, Mesilla Park, 88047 (MX).

(74) **CLODFELTER, Mark**; 555 Sparkman Drive, Suite 1602D, Huntsville, AL 35806 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> F02M 51/06, 61/16

(11) WO 2004/094811 (13) A1

(21) PCT/DE2004/000335

(22) 24 Feb/fév 2004 (24.02.2004)

(25) de (26) de

(30) 103 18 639.5 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FUEL INJECTION VALVE

- SOUPEPE D'INJECTION DE CARBU-  
RANT

(71) ROBERT BOSCH GMBH [DE/DE]; Post-  
fach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) STIER, Hubert [DE/DE]; Im Biegel 8,  
71665 Vaihingen/Enz (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02  
20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> F02M 59/34, 51/00, 47/00

(11) WO 2004/094812 (13) A1

(21) PCT/JP2003/005232

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DELIVERY FLOW RATE CONTROL-  
LING METHOD IN ACCUMULATOR  
FUEL INJECTOR AND ACCUMULA-  
TOR FUEL INJECTOR

- PROCEDE DE REGULATION DU DE-  
BIT DANS UN INJECTEUR DE CAR-  
BURANT DANS UN ACCUMULA-  
TEUR ET INJECTEUR DE CARBU-  
RANT DANS UN ACCUMULATEUR

(71) BOSCH AUTOMOTIVE SYSTEMS  
CORPORATION [JP/JP]; 6-7, Shibuya  
3-chome, Shibuya-ku, Tokyo 150-8360 (JP).

(72) SUGIHARA, Tsutomu; c/o BOSCH  
AUTOMOTIVE SYSTEMS CORPORA-  
TION, 13-26, Yakyu-cho 3-chome, Hi-  
gashi-Matsuyam-shi, Saitama 355-8603 (JP).

KUBOTA, Kazuya; c/o BOSCH AUTO-  
MOTIVE SYSTEMS CORPORATION,  
13-26, Yakyu-cho 3-chome, Higashi-Mas-  
tuyama-shi, Saitama 355-8603 (JP).

(74) ABIKO, Tsutomu; Rm.703, Paredoru-Ni-  
honbashi, 6-3, Nihonbashi-Horidome-cho  
1-chome, Chuo-ku, Tokyo 103-0012 (JP).

(81) CN.

(84) EP (DE FR).

(51)<sup>7</sup> F02P 17/12, G01R 31/38

(11) WO 2004/094813 (13) A1

(21) PCT/US2004/011964

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,310 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SAMPLING OF COMBINED (TAN-  
GLED) ELECTRIC NEAR FIELDS IN  
HYBRID AND DISTRIBUTORLESS  
IGNITION SYSTEM

- ECHANTILLONNAGE DE CHAMPS  
PROCHES ELECTRIQUES COM-  
BINES (ENCHEVETRES) DANS UN  
SYSTEME D'ALLUMAGE ELECTRO-  
NIQUE INTEGRAL ET DANS UN  
SYSTEME D'ALLUMAGE HYBRIDE

(71) SNAP-ON INCORPORATED [US/US];  
10801 Corporate Drive, Pleasant Prairie, WN  
53158 (US).

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les États désignés sauf US)

(72, 75) MCQUEENEY, Kenneth, A. [US/US];  
12306 Indian Trail Road, Los Gatos, CA  
95033-8298 (US). CAPITOLO, David, G.  
[US/US]; 5324 Shelby Court, Fremont, CA  
94536 (US).

(74) PEGG, William, D. et al. / etc.; McDermott,  
Will & Emery, 600 13th Street, N.W., Wash-  
ington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> F03B 13/12

(11) WO 2004/094814 (13) A1

(21) PCT/KR2004/000874

(22) 14 Apr/avr 2004 (14.04.2004)

(25) ko (26) en

(30) 10-2003-0024875 19 Apr/avr 2003 KR  
(19.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WAVE-POWER GENERATION SYS-  
TEM

- GENERATEUR MAREMOTEUR

(71, 72) YIM, Myung-Shik [KR/KR]; Garak  
Town 1 Danji Apt. 103-303, Hadan-2Dong,  
Saha-Gu, Busan, 604-761 (KR).

(74) LEE, Joong-Seop; Lawin Tower 301,  
1497-1, Geoje-1Dong, Yeonje-Gu, Busan  
611-071 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F03B 13/18

(11) WO 2004/094815 (13) A1

(21) PCT/UA2004/000023

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 2003043758 23 Apr/avr 2003 UA  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR CONVERTING OF  
WATER SURFACE WAVES ENERGY  
INTO MECHANICAL ENERGY

- APPAREIL POUR CONVERTIR EN  
ENERGIE MECANIQUE L'ENERGIE  
DES ONDES DE SURFACE DE L'EAU

(71, 72) MADATOV, Artem Valerievich  
[UA/UA]; b.1, prov. Tsymlyankysy, Dne-  
prodzerzhinsk, 51019 (UA). MIKHAI-  
LYUK, Valentin Ivanovich [UA/UA];  
Bobruiskaya str., 46, Kharkov, 61054 (UA).

(74) MIKHAILYUK, Valentin Ivanovich; Bo-  
bruiskaya str., 46, Kharkov, 61054 (UA).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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Declaration / Déclaration :

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(51)<sup>7</sup> F03B 17/04, F03G 7/10

(11) WO 2004/094816 (13) A1

(21) PCT/EG2004/000001



(22) 11 Jan/jan 2004 (11.01.2004)  
(25) en (26) en  
(30) 382.4.2003 22 Apr/avr 2003 EG  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PLANT FOR GENERATION OF ELECTRICITY FROM FORCE OF GRAVITY  
• INSTALLATIONS DE GENERATION D'ELECTRICITE A PARTIR DE LA FORCE DE GRAVITE  
(71, 72) ASSAD, Assad, Beshara [EG/EG]; 2 El Shahid El Affie St, From Khalifa El Mamoon St, Kafer El Sheikh Town, Kafer El Sheikh 33511 (EG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> F03D

(11) WO 2004/094817 (13) A2

(21) PCT/US2004/008215

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/410,847 10 Apr/avr 2003 US  
(10.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ADVANCED AERODYNAMIC CONTROL SYSTEM FOR A HIGH OUTPUT WIND TURBINE  
• SYSTEME DE COMMANDE AERODYNAMIQUE AMELIORE POUR EOLIENNE A RENDEMENT ELEVE

(71) ADVANTEK, LLC [US/US]; 7 Creek Parkway, Suite 770, Boothwyn, PA 19061 (US).

(72) ANDERSEN, Stephen, M.; 121 Kirkaldy Drive, Elkton, MD 21921 (US). LAUBSCH, Kenneth, L.; 701 Roadstown Road, Bridgeton, NJ 08302 (US). KOPF, Steven, R.; 182 Watson's Mill Road, Landenburg, PA 19350 (US). VINTON, Brock, J., II; 1201 Mt. Lebanon Road, Wilmington, DE 19803 (US). JAMIESON, Peter; 34 Cowal resnet, Kikkintilloch, Glasgow G66 3SZ (GB).

(74) KASTEN, Leslie, L., Jr. et al. / etc.; Akin Gump Strauss Hauer & Feld LLP, One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F03D 11/00, 7/02

(11) WO 2004/094818 (13) A1

(21) PCT/EP2004/003394

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 18 695.6 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR OPERATING A WIND POWER STATION

• PROCEDE POUR FAIRE FONCTIONNER UNE EOLIENNE

(71, 72) WOBLEN, Aloys [DE/DE]; Argestrasse 19, 26607 Aurich (DE).

(74) ANDRES, Mark; Eisenführ, Speiser & Partner, Postfach 10 60 78, 28060 Bremen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F03D 11/04

(11) WO 2004/094819 (13) A1

(21) PCT/EP2004/004137

(22) 19 Apr/avr 2004 (19.04.2004)

(25) de (26) de

(30) 103 18 020.6 19 Apr/avr 2003 DE  
(19.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LATTICE TOWER FOR A WIND POWER PLANT

• TOUR A STRUCTURE METALLIQUE DESTINEE A UNE EOLIENNE

(71) REPOWER SYSTEMS AG [DE/DE]; Alsterkrughaussee 378, 22335 Hamburg (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UWE, Hinz [DE/DE]; Grüner Weg 17, 25795 Weddingstedt (DE).

(74) EMMEL, Thomas; Schaefer & Emmel, Gehöhlweg 20, 22043 Hamburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F04B

(11) WO 2004/094820 (13) A2

(21) PCT/US2004/011707

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/464,317 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTROMAGNETIC PUMP

• POMPE ELECTROMAGNETIQUE

(71) INDUCTOTHERM CORPORATION [US/US]; 10 Indel Avenue, P.O. Box 157, Rancocas, NJ 08073 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PEYSAKHOVICH, Vitaly, A. [US/US]; 136 Chalkboard Court, Moorestown, NJ 08057 (US). FISHMAN, Oleg, S. [US/US]; 1 Saljon Court, Maple Glen, PA 19002 (US). TABATABAEI, Emad [US/US]; 20 Village Drive, Voorhees, NJ 08043 (US).

(74) POST, Philip, O.; Indel, Inc., 10 Indel Avenue, P.O. Box 157, Rancocas, NJ 08073 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04B

(11) WO 2004/094821 (13) A2

(21) PCT/US2004/011955

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/464,582 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MICROMEMBRANE ACTUATOR

• ACTIONNEUR A MICROMEMBRANE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARMAN, Gregory, P.** [US/US]; 919 Levering Avenue #406, Los Angeles, CA 90024 (US). **SHIN, Daniel, D.** [US/US]; 4550 Trevino Way, Buena Park, CA 90621 (US).

(74) **OLDENKAMP, David, J. et al.** / etc.; Shapiro & Dupont LLP, Suite 700, 233 Wilshire Boulevard, Santa Monica, CA 90401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> F04B

(11) **WO 2004/094822** (13) A2

(21) PCT/US2004/012111

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 60/464,466 **22 Apr/avr 2003** US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AIR COMPRESSOR WITH INLET CONTROL MECHANISM AND AUTOMATIC INLET CONTROL MECHANISM

• COMPRESSEUR D'AIR A MECANISME DE REGULATION D'ENTREE D'AIR ET MECANISME DE REGULATION D'ENTREE AUTOMATIQUE

(71) **R. CONRADER COMPANY** [US/US]; 1702 Wagner Avenue, P.O. Box 924, Erie, PA 16512 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORNWELL, James, P.** [US/US]; 8710 Ennis Drive, Erie, PA 16509 (US).

(74) **WOODARD, Jon, L. et al.** / etc.; McDonald, Illig, Jones and Britton LLP, 100 State Street- Suite 700, Erie, PA 16507-1459 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> F04B

(11) **WO 2004/094823** (13) A2

(21) PCT/US2004/012797

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 60/465,070 **23 Apr/avr 2003** US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HYDRAULICALLY ACTUATED PUMP FOR LONG DURATION MEDICAL ADMINISTRATION

• POMPE HYDRAULIQUE D'ADMINISTRATION DE MEDICAMENTS SUR DE LONGUES DUREES

(71) **BIOVALVE TECHNOLOGIES, INC.** [US/US]; One Innovation Drive, Three Biotech, Worcester, MA 01605-4307 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GONNELLI, Robert, R.** [US/US]; 52 James Brite Circle, Mahwah, NJ 07430 (US).

(74) **STUTIUS, Wolfgang, E. et al.** / etc.; Ropes & Gray LLP, One International Place, Boston, MA 02110-2624 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04B

(11) **WO 2004/094824** (13) A2

(21) PCT/US2004/004754

(22) **18 Feb/fév 2004 (18.02.2004)**

(25) en (26) en

(30) 10/403,214 **31 Mar/mar 2003** US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HYDROGEN PEROXIDE INJECTION SYSTEM HAVING CLOSED-LOOP FLOW CONTROL

• SYSTEME D'INJECTION DE PEROXYDE D'HYDROGENE COMPORTANT UN MECANISME DE COMMANDE DE FLUX EN BOUCLE FERMEE

(71) **STERIS INC.** [US/US]; 43425 Business Park Drive, Temecula, CA 92590 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILL, Aaron, L.** [US/US]; 8935 Horsehoe Drive, Erie, PA 16510 (US). **LOGUE, Leslie, M.** [US/US]; 222 Shelhamer Drive, Edinboro, PA 16412 (US). **LUKAS, Terrence, L.** [US/US]; 1406 Sumner Drive, Erie, PA 16505 (US).

(74) **KUSNER, Mark et al.** / etc.; Kusner & Jaffe, Highland Place - Suite 310, Wilson Mills Road, Highland Heights, OH 44143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F04B 27/08

(11) **WO 2004/094825** (13) A1

(21) PCT/KR2004/000942

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) ko (26) en

(30) 10-2003-0025709 **23 Apr/avr 2003** KR (23.04.2003)

(30) 10-2004-0027727 **22 Apr/avr 2004** KR (22.04.2004)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ELECTROMOTIVE SWASH PLATE TYPE COMPRESSOR  
• COMPRESSEUR DE TYPE A PLATEAU OSCILLANT ELECTROMOTEUR
- (71) HALLA CLIMATE CONTROL CORPORATION [KR/KR]; 1689-1 Sinil-dong, Daedeok-gu, Daejeon-city 306-230 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CHOI, Jeong-Won [KR/KR]; 1689-1 Sinil-dong, Daedeok-gu, Daejeon-city 306-230 (KR).
- (74) LEE, Young-Pil; The Cheonghwa Bldg., 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F04B 39/06
- (11) WO 2004/094827 (13) A1
- (21) PCT/KR2004/000930
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) ko (26) en
- (30) 10-2003-0025708 23 Apr/avr 2003 KR (23.04.2003)
- (30) 10-2003-0061131 2 Sep/sep 2003 KR (02.09.2003)
- (30) 10-2003-0067477 29 Sep/sep 2003 KR (29.09.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MOTOR DRIVEN COMPRESSOR  
• MOTOCOMPRESSEUR
- (71) HALLA CLIMATE CONTROL CORPORATION [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon-city 306-230 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PARK, Taeyoung [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon-city 306-230 (KR). CHOI, Jeongwon [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon-city 306-230 (KR). AHN, Yonggwi [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon-city 306-230 (KR). LEE, Sangyul [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon-city 306-230 (KR). LIM, Younwoo [KR/KR]; 1689-1, Sinil-dong, Daedeok-gu, Daejeon-city 306-230 (KR).
- (74) PARK, Wonyong et al. / etc.; 5 Floor, Shinwon Bldg., 823-14, Yeoksam 1-dong, Gangnam-gu, Seoul 135-933 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F04B 35/04, H02K 33/02
- (11) WO 2004/094826 (13) A1
- (21) PCT/BR2004/000057
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) PI 0301492-4 23 Apr/avr 2003 BR (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM FOR ADJUSTING RESONANCE FREQUENCIES IN A LINEAR COMPRESSOR  
• SYSTEME DE REGLAGE DE FREQUENCES DE RESONANCE DANS UN COMPRESSEUR LINEAIRE
- (71) EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO [BR/BR]; Rua Rui Barbosa, 1020, 89219-901 Joinville - SC (BR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) PUFF, Rinaldo [BR/BR]; RUA Jaó, 280, 89220-160 Joinville - SC (BR). LILIE, Dietmar, Erich, Bernhard [BR/BR]; Rua Orestes Guimarães, 904, 89204-060 Joinville - SC (BR). BERWANGER, Egidio [BR/BR]; Rua Rui Barbosa, 1020, 89219-901 Joinville - SC (BR).
- (74) ARNAUD, Antonio, M., P. et al. / etc.; Rua José Bonifácio, 93 - 9th floor, 01003-901 São Paulo - SP (BR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
- (30) 10/397,018 25 Mar/mar 2003 US (25.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DISCHARGE DIFFUSER FOR SCREW COMPRESSOR  
• DIFFUSEUR DE DECHARGE POUR COMPRESSEUR A VIS
- (71) CARRIER CORPORATION [US/US]; Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).
- (72) MCCORMICK, Duane, C.; 190 Middletown Road, Colchester, CT 06415 (US). MATH, Jeffrey, A.; 537 North Elm Street, Wallingford, CT 06492 (US). CHOI, Dochul; 12 North Street, Lexington, MA 02420 (US). HENDRICKS, Gavin, J.; 60 Amanda Drive, Manchester, CT 06040 (US). ROUSSEAU, William, H.; 5 Myrtlewood Drive, Savannah, GA 31405 (US). KHALIFA, Ezzat, H.; 8381 Turnberry Drive, Manlius, NY 13104 (US). NIETER, Jeffrey, J.; 85 Trowbridge Road, Coventry, CT 06238 (US). WAGNER, Timothy, C.; 562 Forbes Street, East Hartford, CT 06118 (US).
- (74) ROCKWELL, Bryan, D.; Carrier Corporation, Intellectual Property Department, P.O. Box 4800, Carrier Parkway, Syracuse, NY 13221 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F04C 18/356
- (11) WO 2004/094829 (13) A1
- (21) PCT/KR2003/000803
- (22) 19 Apr/avr 2003 (19.04.2003)
- (25) ko (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ROTARY TYPE COMPRESSOR  
• COMPRESSEUR DU TYPE ROTATIF
- (71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIM, Hyun [KR/KR]; Daewoo Apt. 201-303, Namsan-dong, Changwon-shi, Kyongsangnam-do 641-090 (KR). JANG, Chang Yong [KR/KR]; Burim Apt. 101-1005, Maegok-dong, Buk-gu, Gwangju-gwangyokshi 500-150 (KR). BAE, Ji Young [KR/KR]; Yongho 2-dong 521-18, Nam-gu, Busan-gwangyokshi 641-041 (KR). ROH, Chul Gi [KR/KR]; Daedong Apt. 123-2204, Sangnam-dong 44-1, Changwon-shi, Kyongsangnam-do 641-777 (KR). SHIN, Jong Min [KR/KR]; Samsung Apt.
- 
- (51)<sup>7</sup> F04C 18/16, F01C 21/10
- (11) WO 2004/094828 (13) A1
- (21) PCT/US2004/006792
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) en (26) en

- 110-1003, Munhyun-dong, Nam-gu, Busan-gwangyokshi 608-040 (KR).
- (74) **BAHNG, Hae Cheol et al.** / etc.; Kims International Patent & Law Office, 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **F04C 18/356**
- (11) **WO 2004/094830** (13) A1
- (21) PCT/KR2003/000804
- (22) **19 Apr/avr 2003 (19.04.2003)**
- (25) ko (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **ROTARY TYPE COMPRESSOR**  
• COMPRESSEUR DE TYPE ROTATIF
- (71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KIM, Hyun** [KR/KR]; Daewoo Apt. 201-303, Namsan-dong, Changwon-shi, Kyongsangnam-do 641-090 (KR). **ROH, Chul-Gi** [KR/KR]; Daedong Apt. 123-2204, Sangnam-dong 44-1, Changwon-shi, Kyongsangnam-do 641-777 (KR).
- (74) **BAHNG, Hae-Cheol et al.** / etc.; Kims International Patent & Law Office, 15th Floor Yo Sam Building, 648-23, Yeoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F04C 29/02, B01D 15/36, C10G 25/02**
- (11) **WO 2004/094831** (13) A1
- (21) PCT/US2004/011715
- (22) **15 Apr/avr 2004 (15.04.2004)**
- (25) en (26) en
- (30) 60/463,454 **16 Apr/avr 2003 US (16.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **SYSTEM FOR PURIFYING AND MONITORING THE CONDITION OF LUBRICANT FLUID IN COMPRESSORS AND OTHER EQUIPEMENT**  
• SYSTEME POUR PURIFIER UN LIQUIDE LUBRIFIANT ET SURVEILLER SON ETAT DANS DES COMPRESSEURS ET AUTRES EQUIPEMENTS
- (71) **DOW GLOBAL TECHNOLOGIES INC.** [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BEATTY, Daryl, L.** [US/US]; 116 Iris Street, Lake Jackson, TX 77566 (US).
- (74) **KARADZIC, Dragan, K.**; The Dow Chemical Company, Intellectual Property Section, P.O. Box 1967, Midland, MI 48674-1967 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **F04C 29/04, 18/18**
- (11) **WO 2004/094832** (13) A1
- (21) PCT/JP2004/005657
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) ja (26) ja
- (30) 2003-117341 **22 Apr/avr 2003 JP (22.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **PNEUMATIC MACHINE WITH SHAFT PORTION COOLING STRUCTURE**  
• MACHINE PNEUMATIQUE AVEC STRUCTURE DE REFROIDISSEMENT DE PARTIES D'ARBRES
- (71) **ITO ENGINEERING CO., LTD.** [JP/JP]; 2-12, Shimizusaiwaicho, Shizuoka-shi, Shizuoka 424-0923 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HAYASHIDA, Tomitaka** [JP/JP]; c/o Ito Engineering Co., Ltd., 2-12, Shimizusaiwaicho, Shizuoka-shi, Shizuoka 424-0923 (JP).
- (74) **HIGASHIYAMA, Takahiko**; Room 201, Chisan Mansion Hontori, 23-1, Hontori 3-chome, Shizuoka-shi, Shizuoka 420-0064 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **F04D 25/06, 29/58**
- (11) **WO 2004/094833** (13) A1
- (21) PCT/FR2003/001163
- (22) **11 Apr/avr 2003 (11.04.2003)**
- (25) fr (26) fr
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **CENTRIFUGAL MOTOR-COMPRESSOR UNIT**  
• GROUPE MOTO-COMPRESSEUR CENTRIFUGE
- (71) **THERMODYN** [FR/FR]; Tour Framatome, 1, place de la Coupole, F-92400 Courbevoie (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LABOUBE, Pierre** [FR/FR]; le Défend, F-71200 Saint-Sernin-du-Bois (FR). **FRIEZ, Patrick** [FR/FR]; 77C, rue du docteur Rebillard, F-71200 Le Creusot (FR). **PUGNET, Jean-Marc** [FR/FR]; 12, avenue Charles de Gaulle, F-71200 Le Creusot (FR). **BONNEFOI, Patrice** [FR/FR]; 48, rue Jean Bart, F-71200 Le Creusot (FR).
- (74) **BUREAU D.A. CASALONGA-JOSSE**; 8, avenue Percier, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **F04D 29/28, 29/30, A47L 5/22**
- (11) **WO 2004/094834** (13) A1
- (21) PCT/US2004/003001
- (22) **3 Feb/fév 2004 (03.02.2004)**
- (25) en (26) en
- (30) 10/420,242 **22 Apr/avr 2003 US (22.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **MOTOR FAN DESIGN FOR LARGE DEBRIS INGESTION**  
• CONCEPTION DE VENTILATEUR DE MOTEUR POUR L'INGESTION DE DEBRIS DE GRANDE TAILLE
- (71) **ORECK HOLDINGS LLC** [US/US]; C/O CT Corporation Systems, 1720 Carey Avenue, Cheyenne, WY 82001 (US).
- (72) **MORGAN, Charles, Jeff**; P.O. Box 34, Long Beach, MS 39560 (US). **BOURGEOIS, Owen, T.**; 3484 Olga Dr., Pass

Christian, MS 39571 (US). GLUCKSMAN, Dov, Z.; 137 Larch Row, Wenham, MA 01984 (US).

(74) OLLILA, Curtis, J. et al. / etc.; Duft Setter Ollila & Bornsen LLC, 2060 Broadway, Suite 300, Boulder, CO 80302 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> F04D 29/38, 29/32

(11) WO 2004/094835 (13) A1

(21) PCT/EP2004/003916

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 203 06 455.0 19 Apr/avr 2003 DE (19.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FAN  
• VENTILATEUR

(71) EBM-PAPST ST. GEORGEN GMBH & CO. KG [DE/DE]; Hermann-Papst-Strasse 1, 78112 St. Georgen (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EIMER, Georg [DE/DE]; Rossbergstrasse 23, 78112 St. Georgen (DE).

(74) RAIBLE, Hans et al. / etc.; Schoderstrasse 10, 70192 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F04D 29/38, 29/32

(11) WO 2004/094836 (13) A1

(21) PCT/US2004/009032

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/420,116 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH PERFORMANCE AXIAL FAN  
• VENTILATEUR AXIAL A EFFICACITE ELEVEE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) CROCKER, Michael; 715 North 12th Street, Tacoma, WA 98403 (US).

(74) BOONE, Carrie, A.; 2450 Louisiana, Suite 400-310, Houston, TX 77006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> F15B 15/14

(11) WO 2004/094837 (13) A1

(21) PCT/EP2004/001407

(22) 14 Feb/fév 2004 (14.02.2004)

(25) de (26) de

(30) 203 06 379.1 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FASTENING ELEMENT AND ADAPTED CYLINDER COVER OF A FLUID-ACTUATED WORKING CYLINDER  
• ELEMENT DE FIXATION ET COUVERCLE, ADAPTE A CE DERNIER, D'UN VERIN HYDRAULIQUE

(71) FESTO AG & CO [DE/DE]; Ruiter Strasse 82, 73734 Esslingen (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MÜLLER, Gerald [DE/DE]; Uhlbacher Strasse 60, 70329 Stuttgart (DE). WAGNER,

Albrecht [DE/DE]; Beethovenstrasse 44, 73650 Winterbach (DE).

(74) REIMOLD, Otto et al. / etc.; Magenbauer & Kollegen, Plochingen Strasse 109, 73730 Esslingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F15D

(11) WO 2004/094838 (13) A2

(21) PCT/US2004/008549

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/403,773 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HYDRAULIC PIG ADVANCE SYSTEM AND METHOD  
• SYSTEME ET PROCEDE PERMETTANT D'AVANCER UN RACLEUR HYDRAULIQUE

(71) OCEANEERING INTERNATIONAL, INC. [US/US]; 11911 F.M. 529, Houston, TX 77041 (US).

(72) CUNNINGHAM, Michael; 8100 Cypresswood #1015, Spring, TX 77379 (US).

(74) MAZE, Gary, R. et al. / etc.; Duane Morris LLP, 3200 Southwest Freeway, Suite 3150, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16B

(11) WO 2004/094839 (13) A2

(21) PCT/US2004/007696

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/461,419 10 Apr/avr 2003 US (10.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLUID CONTAINMENT VESSEL, METHOD OF CONSTRUCTING FLUID CONTAINMENT VESSEL, IN PARTICULAR CHEMICAL-RESISTANT CONCRETE LIQUID CONTAINMENT VESSEL

• RESERVOIR DE CONFINEMENT DE FLUIDES, SON PROCÉDE DE CONSTRUCTION ET EN PARTICULIER RESERVOIR DE CONFINEMENT DE FLUIDES RESISTANT AUX PRODUITS CHIMIQUES

(71) THE STEBBINS ENGINEERING AND MANUFACTURING COMPANY [US/US]; 363 Eastern Boulevard, Watertown, NY 13601-3194 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRANE, Stephen, D. [US/US]; 2815B South Fletcher Avenue, Fernandina Beach, FL 32034 (US). GRIFFIN, Shawn, E. [US/US]; 351 Arlington Street, Watertown, NY 13601 (US). HONAN, David, M. [US/US]; 331 Keyes Avenue, Watertown, NY 13601 (US).

(74) BROWN, Terrence L.B.; Shlesinger, Arkwright & Garvey LLP, 3000 South Eads Street, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16B

(11) WO 2004/094840 (13) A2

(21) PCT/US2004/007878

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/418,448 17 Apr/avr 2003 US (17.04.2003)

(30) 10/696,332 29 Oct/oct 2003 US (29.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FASTENER ADAPTER FOR USE WITH A STRUCTURAL MEMBER

• ADAPTATEUR DE FIXATION DESTINE A UN ELEMENT STRUCTUREL

(71) POP-IN POP-OUT, INC. [US/US]; Post Office Box 294659, Kerrville, TX 78029 (US).

(72) KUENZEL, Rainer; 305 Japonica Road, Hunt, TX 78024 (US).

(74) FLADUNG, Richard, D. et al. / etc.; Akin Gump Strauss Hauer & Feld LLP, 1111 Louisiana Street, 44th Floor, Houston, TX 77002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16B 2/22

(11) WO 2004/094841 (13) A2

(21) PCT/EP2004/003700

(22) 7 Apr/avr 2004 (07.04.2004)

(25) fr (26) fr

(30) 03/04946 23 Apr/avr 2003 FR (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOUNTING FOR A SMOOTH HOLE

• FIXATION POUR TROU LISSE

(71) A. RAYMOND & CIE [FR/FR]; 13, cours Berriat, F-38028 Grenoble (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOMBERT, Stéphane [FR/FR]; 13, rue du Moucheron, F-38640 Claix (FR).

(74) RÜTTGERS, Joachim; A. Raymond GmbH & Co. KG, Teichstrasse 57, 79539 Lörrach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16B 12/12, 12/24, E04B 1/48

(11) WO 2004/094842 (13) A1

(21) PCT/EP2004/004393

(22) 26 Apr/avr 2004 (26.04.2004)

(25) de (26) de

(30) PCT/EP 03/04264 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DOVETAIL-LIKE JOINT

• ASSEMBLAGE A QUEUE D'ARONDE

(71) BAMBUTEC INTERNATIONAL GMBH [DE/DE]; Rennmühle 5, 91126 Schwabach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALLNER, Ulrich [DE/DE]; Rennmühle 2, 91126 Schwabach (DE).

(74) KÜCHLER, Stefan; Färberstr. 20, 90402 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> F16B 13/06, 13/08, 37/12

(11) WO 2004/094843 (13) A1

(21) PCT/GB2004/001742

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309179.0 23 Apr/avr 2003 GB (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FIXING DEVICE AND METHOD OF INSTALLATION THEREOF

• DISPOSITIF DE FIXATION ET PROCÉDE D'INSTALLATION DE CELUI-CI

(71) TST Systems Limited [GB/GB]; Fishbourne Quay, Ryde, Isle of Wight PO33 4EY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATTHIAS, David, Larcombe [GB/GB]; 44 Firestone Glade, Wootton Bridge, Ryde, Isle of Wight PO33 4LH (GB).

(74) BARKER BRETTELL; Medina Chambers, Town Quay, Southampton SO14 2AQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16B 45/02

(11) WO 2004/094844 (13) A1

(21) PCT/DE2004/000828

(22) 19 Apr/avr 2004 (19.04.2004)

(25) de (26) de

(30) 203 06 385.6 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HOOK CLOSURE  
• FERMETURE A CROCHET

(71, 72) MERGL, Matthias [DE/DE]; Brunleit-str.21, 92318 Neumarkt (DE).

(74) SCHUHMAN, Albrecht; c/o Merten & Pfeffer, Allersberger Str. 185, 90461 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16C

(11) WO 2004/094845 (13) A2

(21) PCT/US2004/012223

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/418,637 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INTEGRAL SHAFT FOR USE IN MUD PUMPS  
• ARBRE MONOBLOC CONÇU POUR DES POMPES A BOUE

(71) ROWAN ELECTRIC, INC. [US/US]; 2800 Post Oak Blvd., Suite 5450, Houston, TX 77056-6127 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLIAMS, Kevin, R. [US/US]; 6401 W. Sam Houston Pkwy. N., Houston, TX 77041-5102 (US).

(74) EGBERT, John, S.; Harrison & Egbert, 412 Main Street, 7th Floor, Houston, TX 77002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16C 1/00

(11) WO 2004/094846 (13) A2

(21) PCT/US2004/011686

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/414,868 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MECHANICAL FUSE AND METHOD OF USE  
• SECURITE MECANIQUE ET PROCEDE D'UTILISATION

(71) L & P PROPERTY MANAGEMENT COMPANY [US/US]; 4095 Firestone Boulevard, South Gate, CA 90280 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLENDEA, Horia [CA/CA]; 666 Ellis Street, Windsor, Ontario N8X 1B4 (CA).

(74) DONAHUE, Dennis, J.M., III et al. / etc.; Husch & Eppenberger, LLC, 190 Carondelet Plaza, suite 800, St. Louis, MO 63105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16C 32/04

(11) WO 2004/094847 (13) A1

(21) PCT/RU2003/000191

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ru (26) ru

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MAGNETIC BEARING

• ROULEMENT MAGNETIQUE

(71) SEEBA - ENERGIESYSTEME GMBH [DE/DE]; Tielger Allee 60, 32351 Stemwede (DE).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) GULIA, Nurbey Vladimirovich [RU/RU]; ul. Masterkova, 3-146, Moscow, 109280 (RU).

(74) PATENT LAW FIRM "YUS"; a/ya 184, Moscow, 125009 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16C 33/10

(11) WO 2004/094848 (13) A1

(21) PCT/JP2004/005277

(22) 13 Apr/avr 2004 (13.04.2004)

(25) ja (26) ja

(30) 2003-120025 24 Apr/avr 2003 JP (24.04.2003)

(30) 2003-176481 20 Jun/juin 2003 JP (20.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLUID BEARING DEVICE AND DISK ROTATING DEVICE

• DISPOSITIF A ROULEMENT FLUIDE, ET DISPOSITIF D'ENTRAINEMENT EN ROTATION D'UN DISQUE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ASADA, TakafumiSAITO, HiroakiYOSHITSUGU, TakaoKUSAKA, KeigoKIRIYAMA, HiroyukiITO, Daisuke

(74) OHIRA, Satoru et al. / etc.; Higashima Patent Office, Daiko Building, 2-14, Umeda 3-chome, Kita-ku, Osaka-shi, Osaka 5300001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> F16C 33/12, F02M 37/08, B22F 5/00, C22C 1/04, 9/06

(11) WO 2004/094849 (13) A1

(21) PCT/JP2004/005344

(22) 14 Apr/avr 2004 (14.04.2004)

(25) ja (26) ja

(30) 2003-117843 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ABRASION-RESISTANT BEARING OF MOTOR TYPE FUEL PUMP

• PALIER RESISTANT A L'ABRASION D'UNE POMPE A COMBUSTIBLE DE TYPE MOTEUR

(71) MITSUBISHI MATERIALS CORPORATION [JP/JP]; 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo, 1008117 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARUYAMA, Tsuneo [JP/JP]; c/o MITSUBISHI MATERIALS CORPORATION, Niigata Plant, 3-1-1, Kogane-cho, Niigata-shi, Niigata 9508640 (JP). SHIMIZU, Teruo [JP/JP]; c/o MITSUBISHI MATERIALS CORPORATION, Niigata Plant, 3-1-1, Kogane-cho, Niigata-shi, Niigata 9508640 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16C 33/20

(11) WO 2004/094850 (13) A1

(21) PCT/US2004/012331

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,842 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITE BEARINGS

• PALIERS COMPOSITES

(71) GLACIER GARLOCK BEARINGS, INC. [US/US]; 700 Mid Atlantic Parkway, Thorofare, NJ 08086 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Michael, R. [US/US]; 14 Ridge-mount Drive, Marlton, NJ 08053 (US). PENG, Yuan [CN/US]; 31 Lakefield Drive, Marlton, NJ 08053 (US). HORCHUCK,

Michael [US/US]; 578 Schoolhouse Court, Williamstown, NJ 08094 (US).

(74) GALINSKI, Todd, W. et al. / etc.; Kilpatrick Stockton LLP, 1001 West Fourth Street, Winston-Salem, NC 27101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16C 33/76, C23C 2/00, F16J 15/06

(11) WO 2004/094851 (13) A1

(21) PCT/EP2004/000653

(22) 27 Jan/jan 2004 (27.01.2004)

(25) de (26) de

(30) 103 19 840.7 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BEARING ARRANGEMENT FOR A DEFLECTION ROLLER OR A GUIDE ROLLER ARRANGED IN AN IMMERSED MANNER IN A METAL MELTING BATH

• LOGEMENT DES PALIERS POUR UN ROULEAU DE GUIDAGE OU DE RENVOI PLACE AU TREMPÉ DANS UN BAIN DE FUSION

(71) DUMA MASCHINEN- UND ANLAGENBAU GMBH [DE/DE]; Theodor-Heuss-Str. 99, 47167 Duisburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PANNENBECKER, Heinrich [DE/DE]; Minnekenstege 73, 46569 Hünxe (DE). ERWIG, Hermann [DE/DE]; Irmgardweg 61, 46537 Dinslaken (DE).

(74) MEYER, Hans-Joachim; Cohausz & Florack, Bleichstr. 14, 40211 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16D 1/08, F16C 35/02, 35/073, 35/077

(11) WO 2004/094852 (13) A1

(21) PCT/GB2004/001681

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308957.0 17 Apr/avr 2003 GB (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TOLERANCE RING ASSEMBLY

• ENSEMBLE BAGUE A TOLERANCE

(71) LILLISHALL PLASTICS AND ENGINEERING LIMITED [GB/GB]; Amber Way, Halesowen, West Midlands B62 8WG (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOODHEAD, Niki, Samuel [GB/GB]; Flat 10, 6 Beaufort Road, Clifton, Bristol BS8 1JZ (GB). SLAYNE, Andrew, Robert [GB/GB]; 8 Brookside Drive, Frampton Cotterell, Bristol BS36 2AF (GB).

(74) CALDERBANK, Roger, T. et al. / etc.; Mewburn Ellis LLP, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16D 23/14

(11) WO 2004/094853 (13) A2

(21) PCT/FR2004/050165

(22) 21 Apr/avr 2004 (21.04.2004)

(25) fr (26) fr

(30) 03/04942 22 Apr/avr 2003 FR (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVED CLUTCH CONTROL RELEASE BEARING

• BUTEE DE COMMANDE D'EMBRAYAGE PERFERCTIONNEE

(71) VALEO EMBRAYAGES [FR/FR]; 5 Avenue Roger Dumoulin, F-80009 Amiens (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAINGAUD, Daniel [FR/FR]; 1 Allée de Savoie, F-95130 Le Plessis Bouchard (FR).

(74) VIGNESOULT, Serge; Service Propriété Industrielle, 15 rue des Rosiers, F-93585 Saint-Ouen (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL



- SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> F16D 41/00
- (11) WO 2004/094854 (13) A2
- (21) PCT/DE2004/000797
- (22) 8 Apr/avr 2004 (08.04.2004)
- (25) de (26) de
- (30) 103 18 894.0 22 Apr/avr 2003 DE  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BILATERAL DRIVE  
• ENTRAINEMENT A ACTION BILATE-  
RALE
- (71) BROSE FAHRZEUGTEILE GMBH &  
CO. KG, COBURG [DE/DE]; Ketschendor-  
fer Str. 38-50, 96450 Coburg (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) SCHECK, Georg [DE/DE]; Weinberg  
33, 96479 Weitraamsdorf (DE). KRÜGER,  
Frieder [DE/DE]; Waldstrasse 35e, 96271  
Grub (DE). KLOPP, Marcus [DE/DE];  
Lucas-Cranach-Weg 14A, 96450 Coburg  
(DE). ANGERMÜLLER, Stephanie  
[DE/DE]; Flurstrasse 20, 96279 Weidhausen  
(DE). WEISS, Matthias [DE/DE]; Sied-  
lungsstrasse 10, 96472 Rödental (DE).
- (74) NINNEMANN, Detlef; Patentanwälte,  
Maikowski & Ninnemann, Postfach 15 09  
20, 10671 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> F16D 48/00
- (11) WO 2004/094855 (13) A2
- (21) PCT/FR2004/050166
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) fr (26) fr
- (30) 03/04941 22 Apr/avr 2003 FR  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DEVICE FOR IDENTIFYING CLUTCH  
FRICTION LINING WEAR  
• DISPOSITIF DE DIAGNOSTIC DE  
L'USURE DES GARNITURES DE FRIC-  
TION D'UN EMBRAYAGE
- (71) VALEO EMBRAYAGES [FR/FR]; 5 A-  
venue Roger Dumoulin, F-80009 Amiens (FR).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) LOPEZ, Carlos [ES/ES]; Arganda 28,  
E-5 Madrid (ES).
- (74) VIGNESOULT, Serge; Service Propriété In-  
dustrielle, 15 rue des Rosiers, F-93585 Saint-  
Ouen (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> F16D 55/2265
- (11) WO 2004/094856 (13) A1
- (21) PCT/US2004/006553
- (22) 3 Mar/mar 2004 (03.03.2004)
- (25) en (26) en
- (30) 10/403,827 31 Mar/mar 2003 US  
(31.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SLIDE PIN BUSHING FOR DISC  
BRAKE ASSEMBLY  
• GARNITURE DE TIGE COULISSANTE  
DESTINEE A UN ENSEMBLE DE  
FREIN A DISQUE
- (71) KELSEY-HAYES COMPANY [US/US];  
12000 Tech Center Drive, Livonia, MI 48150  
(US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) LITNER, Sky [US/US]; 7827 Greene  
Farm Drive, Ypsilanti, MI 48197 (US).
- (74) PAVELKO, Douglas, V.; MacMillan,  
Sobanski & Todd, LLC, One Maritime Plaza,  
4th floor, 720 Water Street, Toledo, OH  
43604 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> F16D 65/092, 69/04
- (11) WO 2004/094857 (13) A1
- (21) PCT/IT2003/000258
- (22) 24 Apr/avr 2003 (24.04.2003)
- (25) it (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PAD FOR A DISC BRAKE  
• PLAQUETTE DE FREIN A DISQUE
- (71) FRENI BREMBO S.p.A. [IT/IT]; Via  
Brembo, 25, I-24035 Curno (IT).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) CARMINATI, Fabiano [IT/IT]; Via  
Valle Quisa, 7, I-24030 Mozzo (IT). NER-  
VOSI, Marco [IT/IT]; Via Marche, 7,  
I-24035 Curno (IT).
- (74) CRIPPA, Paolo, Ernesto et al. / etc.; Ja-  
cobacci & Partners S.p.A., Via Senato, 8,  
20121 Milano (IT).
- (81) AE AG AL AM AT (Utility model / modèle  
d'utilité) AT AU AZ BA BB BG BR BY BZ  
CA CH CN CO CR CU CZ (Utility model  
/ modèle d'utilité) CZ DE (Utility model /  
modèle d'utilité) DE DK (Utility model /  
modèle d'utilité) DK DM DZ EC EE (Utility  
model / modèle d'utilité) EE ES FI (Utility  
model / modèle d'utilité) FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NI NO NZ OM PH PL  
PT RO RU SC SD SE SG SK (Utility model  
/ modèle d'utilité) SK SL TJ TM TN TR TT  
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).
- 
- (51)<sup>7</sup> F16D 65/12, 55/00
- (11) WO 2004/094858 (13) A1
- (21) PCT/US2003/038454
- (22) 2 Dec/déc 2003 (02.12.2003)
- (25) en (26) en
- (30) 60/462,110 11 Apr/avr 2003 US  
(11.04.2003)
- (30) 60/466,609 30 Apr/avr 2003 US  
(30.04.2003)
- (30) 10/665,040 18 Sep/sep 2003 US  
(18.09.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • REINFORCED BRAKE ROTOR  
• DISQUE DE FREIN RENFORCE
- (63) US 60/462,110 (CON)  
11 Apr/avr 2003 (11.04.2003)
- US 60/466,609 (CON)  
30 Apr/avr 2003 (30.04.2003)
- US 10/665,040 (CON)  
18 Sep/sep 2003 (18.09.2003)
- (71, 72) LIN, Warren [US/US]; 81 Fulton Street,  
Boonton, NJ 07005 (US).
- (74) HOPKINS, Brian, P.; Mintz, Levin, Cohn,  
Ferris, Glovsky and Popeo, P.C., 666 Third  
Avenue, New York, NY 10017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16F

(11) WO 2004/094859 (13) A2

(21) PCT/US2004/011754

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,381 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SNUBBER

• AMORTISSEUR

(71) SIKORSKY AIRCRAFT CORPORATION [US/US]; Legal-IP Dept., Mailstop S316A, 6900 Main Street, Stratford, CT 06616-9129 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SCHMALING, David, N. [US/US]; 51 Murphy Lane, Southbury, CT 06488 (US). BYRNES, Francis, E. [US/US]; 3 Robinhood Road, White Plains, NY 10605 (US).

(74) PASULKA, Matthew, P.; Sikorsky Aircraft Corporation, Legal-IP Dept., Mail Stop S316A, 6900 Main Street, Stratford, CT 06616-9129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16F

(11) WO 2004/094860 (13) A2

(21) PCT/US2004/007174

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/406,554 3 Apr/avr 2003 US (03.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTROLLER FOR REDUCING EXCESSIVE AMPLITUDE OF OSCILLATION OF FREE PISTON

• CONTROLEUR CONCU POUR REDUIRE UNE AMPLITUDE D'OSCILLATION EXCESSIVE D'UN PISTON LIBRE

(71) SUNPOWER, INC. [US/US]; 182 Mill Street, Athens, OH 45701-2627 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) WOOD, James, Gary; 3996 Marion Johnson Road, Albany, OH 45710 (US).

(74) FOSTER, Frank, H. et al. / etc.; Kremblas, Foster, Phillips & Pollick, 7632 Slate Ridge Blvd., Reynoldsburg, OH 43068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> F16F 13/14, 13/08, 13/18

(11) WO 2004/094861 (13) A1

(21) PCT/JP2003/012067

(22) 19 Sep/sep 2003 (19.09.2003)

(25) ja (26) ja

(30) 2003-115162 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIQUID-SEALED VIBRATION CONTROL DEVICE

• DISPOSITIF ANTIVIBRATIONS HYDRAULIQUE

(71) TOYO TIRE RUBBER CO.,LTD. [JP/JP]; 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATO, Akihiko [JP/JP]; c/o TOYO TIRE RUBBER CO., LTD., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). ITO, Kazuhiro [JP/JP]; c/o TOYO TIRE RUBBER CO., LTD., 17-18, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).

(74) MURONOZONO, Kazuto; Dai2nichidai Bldg., 6-14, Higashinakajima 1-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> F16F 15/00

(11) WO 2004/094862 (13) A1

(21) PCT/KR2004/000924

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ko (26) en

(30) 10-2003-0025749 23 Apr/avr 2003 KR (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DAMPING AND CUSHION DEVICE

• DISPOSITIF D'AMORTISSEMENT ET DE COUSSINAGE

(71, 72) HAM, Ui-Shin [KR/KR]; 131-1702, Kumho Bestville Apt, Sanghyun-dong, Youngin-city, Gyeonggi-do 449-515 (KR).

(74) YANG, Kwang-Nam et al. / etc.; 9th Fl., BYC Bldg., 648-1, Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F16G

(11) WO 2004/094863 (13) A2

(21) PCT/GB2004/001624

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/422,193 24 Apr/avr 2003 US  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONCURRENT ACCESS OF SHARED  
RESOURCES

- ACCES SIMULTANE A DES RES-  
SOURCES PARTAGEES

(71) INTERNATIONAL BUSINESS MA-  
CHINES CORPORATION [US/US]; New  
Orchard Road, Armonk, New York 10504  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(71) IBM UNITED KINGDOM LIMITED  
[GB/GB]; PO Box 41, North Harbour,  
Portsmouth Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72, 75) ARMSTRONG, Troy, David [US/US];  
1310 Ashley Lane SW, Rochester, Minnesota  
55902 (US). LUCKE, Kyle, Alan [US/US];  
3023 Cassidy Drive NE, Rochester, Min-  
nesota 55906 (US).

(74) LING, Christopher, John; IBM United  
Kingdom Limited, Intellectual Property Law,  
Hursley Park, Winchester Hampshire SO21  
2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F16G

(11) WO 2004/094864 (13) A2

(21) PCT/US2004/012683

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/421,451 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HYDRAULIC ASYMMETRIC  
DAMPED BELT TENSIONER

- TENDEUR DE COURROIE HYDRAU-  
LIQUE ASYMETRIQUE AMORTI

(71) DAYCO PRODUCTS, LLC [US/US]; 1  
Prestige Place, Miamisburg, OH 45342 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MECKSTROTH, Richard, J. [US/US];  
285 Pineberry Drive, Vonore, TN 37855 (US).  
ZAMM, Joseph, W. [US/US]; 3841 Fawn  
Drive, Rochester, MI 48306 (US).

(74) BECKER, Robert, W.; Robert W. Becker  
& Associates, Suite B, 707 Highway 66 East,  
Tijeras, NM 87059 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F16G 11/00

(11) WO 2004/094865 (13) A1

(21) PCT/NL2004/000273

(22) 26 Apr/avr 2004 (26.04.2004)

(25) nl (26) en

(30) 1023258 24 Apr/avr 2003 NL  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR REALISING AN END  
CONNECTION BETWEEN A SOCKET  
AND METAL CABLE COMPOSED OF  
STRANDS

- METHODE POUR REALISER UNE  
CONNEXION D'EXTREMITE ENTRE  
UNE PRISE FEMELLE ET UN CABLE  
METALLIQUE COMPOSE DE FILS

(71, 72) VERMEULEN, Thomas, Peter  
[NL/NL]; Postbus 1143, NL-3180 AC Rozen-  
burg (NL).

(74) HOOP, Eric; Octrooibureau Vriesendorp  
& Gaade, P.O. Box 266, NL-2501 AW The  
Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16H

(11) WO 2004/094866 (13) A2

(21) PCT/US2004/012682

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/421,046 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BELT TENSIONER HAVING AN AUTO-  
MATICALLY ADJUSTABLE TRAVEL  
STOP

- TENDEUR DE COURROIE A BUTEE  
DE DEBATTEMENT REGLABLE AU-  
TOMATIQUEMENT

(71) DAYCO PRODUCTS, LLC [US/US]; 1  
Prestige Place, Miamisburg, OH 45342 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) OLIVER, Larry, R. [US/US]; 1621  
Columbine Road, Ozark, MO 65721 (US).  
MECKSTROTH, Richard, J. [US/US]; 285  
Pineberry Drive, Vonore, TN 37855 (US).  
ZAMM, Joseph, W. [US/US]; 3841 Fawn  
Drive, Rochester, MI 48306 (US).

(74) BECKER, Robert, W.; Robert W. Becker  
& Associates, Suite B, 707 Highway 66 East,  
Tijeras, NM 87059 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F16H 1/28, 1/46

(11) WO 2004/094867 (13) A1

(21) PCT/EP2004/004099

(22) 17 Apr/avr 2004 (17.04.2004)

(25) de (26) de

(30) 103 18 517.8 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLANETARY GEAR SYSTEM

- ENGRENAGE PLANÉTAIRE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE];  
88038 Freidrichshafen (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SCHULZ, Horst [DE/DE]; Königs-  
berger Strasse 3, 88045 Friedrichshafen  
(DE). KIRSCHNER, Tino [DE/DE];  
Mariabrunnstr. 59, 88097 Eriskirch (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Frei-  
driehshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW  
MX MZ NA NI NO NZ OM PG PH PL PT  
RO SC SD SE SG SK SL SY TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16H 3/72, 37/08

(11) WO 2004/094868 (13) A1

(21) PCT/US2004/011844

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/464,312 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TWO SPEED TRANSMISSION WITH SMOOTH POWER SHIFT

• TRANSMISSION A DEUX REGIMES A CHANGEMENT DE VITESSE SOUS CHARGE EN DOUCEUR

(71) THE TIMKEN COMPANY [US/US]; 1835 Dueber Avenue SW, Canton, OH 44706 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AI, Xiaolan [US/US]; 4480 Noble Loon Street NW, Massillon, OH 44646 (US).

(74) WARREN, Douglas, E.; Polster, Lieder, Woodruff &, Lucchesi, L.C., 12412 Powerscourt Drive, Suite 200, St. Louis, MO 63131-3615 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16H 13/04

(11) WO 2004/094869 (13) A1

(21) PCT/JP2004/005079

(22) 8 Apr/avr 2004 (08.04.2004)

(25) ja (26) ja

(30) 2003-115980 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FRICTION ROLLER TYPE SPEED CHANGE GEAR

• MECANISME DE CHANGEMENT DE VITESSE A ROULEAUX A FRICTION

(71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 1418560 (JP). NSK STEERING SYSTEMS CO., LTD. [JP/JP];

6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 1418560 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAEDA, Atsushi [JP/JP]; c/o NSK STEERING SYSTEMS CO., LTD., 8-1, Soja-machi 1-chome, Maebashi-shi, Gunma 3718528 (JP). CHIKARAISHI, Kazuo [JP/JP]; c/o NSK STEERING SYSTEMS CO., LTD., 8-1, Soja-machi 1-chome, Maebashi-shi, Gunma 3718528 (JP).

(74) INOUE, Yoshio; 3F, Garoh Bldg., 1-4, Nihonbashi 3-chome, Chuo-ku, Tokyo 1030027 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16H 25/20

(11) WO 2004/094870 (13) A1

(21) PCT/JP2004/005598

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-120353 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLANETARY DIFFERENTIAL SCREW-TYPE ROTATIONAL MOTION/LINEAR MOTION CONVERTER

• CONVERTISSEUR DE MOUVEMENT ROTATIF/MOUVEMENT LINEAIRE DU TYPE A VIS PLANETAIRES DIFFERENTIELLES

(71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGITANI, Nobuyoshi [JP/JP]; c/o Toyota Jidosha Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).

(74) AKASHI, Masaki; 5F, YH Bldg., 6-8, Shinkawa 2-chome, Chuo-ku, Tokyo 104-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16H 25/22

(11) WO 2004/094871 (13) A1

(21) PCT/JP2004/005604

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-003010U 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ROLLING BODY SCREW DEVICE

• DISPOSITIF DE SERRAGE D'UN CORPS ROULANT

(71) THK CO. LTD. [JP/JP]; 11-6, Nishigotanda 3-chome, Shinagawa-ku, Tokyo, 1418503 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IIDA, Katsuya [JP/JP]; c/o Kofu Works, THK Co., Ltd., 754, Nakadate, Tamaho-cho, Nakakoma-gun, Yamanashi, 4093801 (JP). SHOUJI, Hironori [JP/JP]; c/o Kofu Works, THK Co., Ltd., 754, Nakadate, Tamaho-cho, Nakakoma-gun, Yamanashi, 4093801 (JP). KADONO, Toshiaki [JP/JP]; c/o Kofu Works, THK Co., Ltd., 754, Nakadate, Tamaho-cho, Nakakoma-gun, Yamanashi, 4093801 (JP).

(74) IDE, Tetsuroh et al. / etc.; 79-402, Ohta-machi 6-chome, Naka-ku, Yokohama-shi, Kanagawa 231-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16H 47/08, F03D 7/04

(11) WO 2004/094872 (13) A1

(21) PCT/EP2004/004238

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 18 696.4 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DRIVE TRAIN HAVING VARIABLE INPUT SPEED AND CONSTANT OUTPUT SPEED

• CHAINE CINEMATIQUE A VITESSE D'ENTREE VARIABLE ET A VITESSE DE SORTIE CONSTANTE

(71) VOITH TURBO GMBH & CO. KG [DE/DE]; Alexanderstrasse 2, 89522 Heidenheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BASTECK, Andreas** [DE/DE]; Ham-  
merstrasse 3d, 79540 Lörrach (DE).

(74) **WEITZEL & PARTNER**; Friedenstrasse  
10, 89522 Heidenheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> F16H 55/36

(11) WO 2004/094873 (13) A1

(21) PCT/FR2004/000641

(22) 16 Mar/mar 2004 (16.03.2004)

(25) fr (26) fr

(30) 03/04038 1 Apr/avr 2003 FR  
(01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PULLEY, DETECTION DEVICE COM-  
PRISING ONE SUCH PULLEY, AND  
INTERNAL COMBUSTION ENGINE  
PROVIDED WITH ONE SUCH DEVICE

• Poulie, dispositif de dÉtection comprenant  
une telle poulie, et moteur A combustion  
interne EquipÉ d'un tel dispositif

(71) **AKTIEBOLAGET SKF** [SE/SE]; Horns-  
gatan 1, S-415 50 Goteborg (SE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **MESSAGE, Olivier** [FR/FR]; 48,  
Rue de la Fuye, F-37000 Tours (FR). **DE-  
SCOMBES, Michel** [FR/FR]; 86, avenue de  
Paris, F-78000 Versailles (FR).

(74) **BUREAU D.A. CASALONGA-JOSSE**; 8  
avenue Percier, 75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F16H 55/56, 61/00

(11) WO 2004/094874 (13) A1

(21) PCT/IT2004/000231

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) TO2003A000314 23 Apr/avr 2003 IT  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A PULLEY FOR A CONTINUOUSLY  
VARIABLE TRANSMISSION  
• POULIE DE TRANSMISSION VA-  
RIABLE EN CONTINU

(71) **DAYCO EUROPE S.R.L.** [IT/IT]; Zona In-  
dustriale Vallecupa, I-64010 Colonnella (IT).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **BINELLO, Domenico** [IT/IT]; Via  
Bricco Cisero, 8, I-14100 Cortandone (IT).  
**CARICCIA, Gianluca** [IT/IT]; Via Con-  
tessa Matilde Bocca, 5, I-10090 Romano  
Canavese (IT). **GALLETTI, Alessio** [IT/IT];  
Via Chiesa Vecchia, 27, I-56030 Soiana (IT).

(74) **JORIO, Paolo** et al. / etc.; c/o Studio Torta  
S.r.l., Via Viotti, 9, I-10121 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F16H 61/12

(11) WO 2004/094875 (13) A1

(21) PCT/IB2004/001200

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 2003-117391 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FAILURE DIAGNOSING DEVICE AND  
METHOD FOR VEHICULAR CON-  
TROL APPARATUS

• DISPOSITIF ET PROCEDE DE DIAG-  
NOSTIC DE DEFAILLANCES POUR  
UN APPAREIL DE COMMANDE A  
BORD D'UN VEHICULE

(71) **TOYOTA JIDOSHA KABUSHIKI  
KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi,  
Aichi-ken, 471-8571 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **OTSUBO, Hideaki** [JP/JP]; c/o Toyota  
Jidosha Kabushiki Kaisha, 1, Toyota-cho,  
Toyota-shi, Aichi-ken, 471-8571 (JP).

**SUZUKI, Toshinari** [JP/JP]; c/o Toyota  
Jidosha Kabushiki Kaisha, 1, Toyota-cho,  
Toyota-shi, Aichi-ken, 471-8571 (JP). **MAT-  
SUBARA, Tooru** [JP/JP]; c/o Toyota Jidosha  
Kabushiki Kaisha, 1, Toyota-cho, Toyota-shi,  
Aichi-ken, 471-8571 (JP). **TOMOHIRO,  
Tadasu** [JP/JP]; c/o Toyota Jidosha Kabushiki  
Kaisha, 1, Toyota-cho, Toyota-shi, Aichi-ken,  
471-8571 (JP). **KAIGAWA, Masato** [JP/JP];  
c/o Toyota Jidosha Kabushiki Kaisha, 1,  
Toyota-cho, Toyota-shi, Aichi-ken, 471-8571

(JP). **HARADA, Yoshiharu** [JP/JP]; c/o  
Toyota Jidosha Kabushiki Kaisha, 1, Toy-  
ota-cho, Toyota-shi, Aichi-ken, 471-8571  
(JP). **ONO, Masashi** [JP/JP]; c/o Toyota  
Jidosha Kabushiki Kaisha, 1, Toyota-cho,  
Toyota-shi, Aichi-ken, 471-8571 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16H 63/32, F16D 69/02

(11) WO 2004/094876 (13) A1

(21) PCT/DE2003/001314

(22) 22 Apr/avr 2003 (22.04.2003)

(25) de (26) de

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SLIDING ELEMENT  
• ELEMENT DE GLISSEMENT

(71) **EUROFLAMM GMBH** [DE/DE]; Bremer  
Heerstrasse 39, 28719 Bremen (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **KÖSTER, Dietmar** [DE/DE]; Auf der  
Heide 15, 27711 Osterholz-Scharmbeck  
(DE). **SCHUELER, Eric, A.** [US/US]; 7269  
Windsor Meadow Drive, Maineville, OH  
45039 (US). **NELS, Terry** [US/US]; 199  
Wynstone Court, Xenia, OH 45385 (US).

(74) **WILCKEN, Thomas** et al. / etc.; Bei der  
Lohmühle 23, 23554 Lübeck (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PH PL PT  
RO RU SC SD SE SG SK SL TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> F16J

(11) WO 2004/094877 (13) A2

(21) PCT/US2004/011987

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,293 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • UNITIZED PINION SEAL FOR AN AXLE

• JOINT TOURNANT MONOBLOC POUR AXE

(71) FREUDENBERG-NOK GENERAL PARTNERSHIP [US/US]; 47690 East Anchor Court, Plymouth, Michigan 48170-2455 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLARK, Keith [US/US]; 1888 Buffalo Road, Rumney, New Hampshire 03266 (US).

(74) WANGEROW, Ronald; Freudenberg-NOK General Partnership, Intellectual Property Department, 47690 East Anchor Court, Plymouth, Michigan 48170-2455 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16K 1/42, 27/02

(11) WO 2004/094878 (13) A1

(21) PCT/FR2004/050143

(22) 5 Apr/avr 2004 (05.04.2004)

(25) fr (26) fr

(30) 03/04871 18 Apr/avr 2003 FR (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLUID FLOW CONTROL VALVE DEVICE

• DISPOSITIF A CLAPET DE REGULATION DU DEBIT D'UN FLUIDE

(71) VELAN S.A.S. [FR/FR]; 90 rue Challemeil Lacour, F-69007 Lyon (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MICHEL, Roland [FR/FR]; 15 rue des Orfèvres, F-38200 Vienne (FR). GODARD, Christian [FR/FR]; 17 rue Baude- laire, F-69680 Chassieu (FR). MAZEL, Jean-Luc [FR/FR]; 17 allée de Gamay, F-69340 Francheville (FR).

(74) FLEURANCE, Raphaël et al. / etc.; CABINET PLASSERAUD, 65/67 rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F16K 3/08

(11) WO 2004/094879 (13) A1

(21) PCT/US2004/012569

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,661 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FROST RESISTANT HYDRANT

• PRISE D'EAU RESISTANT AU GEL

(63) US 60/464,661 (CON) 23 Apr/avr 2003 (23.04.2003)

(71) WATTS REGULATOR CO. [US/US]; 815 Chestnut Street, North Andover, MA 01845 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CURLEY, Matthew, D. [US/US]; 27 Willowdale Drive, Merrimack, MA 01860 (US). HOFMANN, Steven [US/US]; 51A Summer Street, Haverhill, MA 01830 (US).

(74) FRENCH, Timothy, A.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F16K 5/06

(11) WO 2004/094880 (13) A1

(21) PCT/US2004/002047

(22) 26 Jan/jan 2004 (26.01.2004)

(25) en (26) en

(30) 10/391,692 19 Mar/mar 2003 US (19.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANTI-SCALING CONTROL ELEMENT FOR A ROTARY CONTROL VALVE

• ELEMENT DE CONTROLE ANTI-TARTRE POUR VANNE DE COMMANDE ROTATIVE

(71) FISHER CONTROLS INTERNATIONAL LLC. [US/US]; K-Annex, 8100 West Florissant Avenue, St. Louis, MO 63136 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BICKELL, Anthony, J. [AU/AU]; 21 Pintail Crescent, Burleigh Waters., Queensland 4220 (AU).

(74) HEPPELMANN, Roger, A.; Marshall, Gerstein & Borun, 233 S. Wacker Drive, 6300 Sears Tower, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16K 31/122, 3/24, 27/00

(11) WO 2004/094881 (13) A1

(21) PCT/US2004/012479

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,572 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VALVE FOR CONDUCTING HYPERPOLARIZED GAS

• SOUPAPE POUR GAZ HYPERPOLARISE

(71) MEDI-PHYSICS, INC. [US/US]; 101 Carnegie Center, Princeton, NJ 08540 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MANHARD, John [US/US]; 6 Darian Way, Durham, NC 27713 (US).

(74) CHISHOLM, Robert, F. et al. / etc.; Amer- sham Health, Inc., 101 Carnegie Center, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F16K 31/524

(11) WO 2004/094882 (13) A1

(21) PCT/US2004/008964

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

- (30) 10/407,152      **3 Apr/avr 2003**      US  
(03.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SEQUENCING VALVE  
• VANNE DE SEQUENCE
- (71) HAYS FLUID CONTROLS [US/US]; A Division of Romac Industries, Inc., 114 Eason Road, Dallas, NC 28034 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ARROWOOD, Ben, G., Jr. [US/US]; 1925 Davis Circle, Clover, SC 29710 (US). MEYER, James, H., M. [US/US]; 408 West Lewis Street, Dallas, NC 28034 (US). ZHANG, GangFu [US/US]; 2847 Sparrow Springs Road, Gastonia, NC 28052 (US).
- (74) GALLO, Nicholas, F. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F16K 49/00  
(11) WO 2004/094883      (13) A1  
(21) PCT/JP2004/005567  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) ja      (26) ja  
(30) 2003-115203      **21 Apr/avr 2003**      JP  
(21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HEATER UNIT FOR INSTALLATION ON VALVE  
• UNITE DE CHAUFFAGE DESTINEE A ETRE INSTALLEE SUR UNE SOUPEPE
- (71) TOKYO TECHNOLOGICAL LABO CO., LTD. [JP/JP]; 2-26-18, Motoizumi, Komae-shi, Tokyo 201-0013 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRATSUKA, Akihiko [JP/JP]; c/o Tokyo Technological Labo Co., Ltd., 2-26-18, Motoizumi, Komae-shi, Tokyo 201-0013 (JP). NOMOTO, Tsuguhiko [JP/JP]; c/o Tokyo Technological Labo Co., Ltd., 2-26-18, Motoizumi, Komae-shi, Tokyo 201-0013 (JP).
- (74) YANAGIDA, Masashi et al. / etc.; Yanagida & Associates, 7F, Shin-Yokohama KS Bldg., 3-18-3, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> F16L  
(11) WO 2004/094885      (13) A2  
(21) PCT/US2004/007699  
(22) 31 Mar/mar 2004 (31.03.2004)  
(25) en      (26) en  
(30) 10/405,475      **3 Apr/avr 2003**      US  
(03.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MECHANICAL JOINT FOR COLLAPSIBLE STRUCTURES  
• ARTICULATION MECANIQUE POUR STRUCTURES REPLIABLE
- (71, 72) REEVES, Francis, J. [US/US]; 357 Council Oak Drive, Severn, MD 21144 (US).
- (74) MCNAMARA, Brian, J. et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F16K 51/02, H01L 21/00  
(11) WO 2004/094884      (13) A1  
(21) PCT/US2004/011714  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) en      (26) en  
(30) 10/418,682      **17 Apr/avr 2003**      US  
(17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SLIT VALVE METHOD AND APPARATUS  
• PROCEDE ET APPAREIL A SOUPEPE FENDUE
- (71) APPLIED MATERIALS, INC. [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).
- (72) BLONIGAN, Wendell; 32478 Monterey Drive, Union City, CA 94587 (US). BEER, Emanuel; 7162 Via Vico, San Jose, CA 95129 (US). SUH, Dongchoon; 2155 Royal Drive # C, Santa Clara, CA 95050 (US). MUNOZ, Jamie; 14270 Lora Drive, Los Gatos, CA 95032 (US). KIM, Sam, H.; 3671 Lake Ontario Drive, Fremont, CA 94555 (US).
- (74) DUGAN, Brian, M.; Dugan & Dugan, PC, 55 South Broadway, Tarrytown, NY 10591 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> F16L 1/028  
(11) WO 2004/094886      (13) A2  
(21) PCT/US2004/012624  
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(25) en      (26) en  
(30) 10/421,641      **22 Apr/avr 2003**      US  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PADDING MACHINE AND METHOD OF USE  
• MACHINE DE REMBOURRAGE ET SON PROCEDE D'UTILISATION
- (71, 72) BARNES, Tommy W. [US/US]; P.O. Box 36, Flora Vista, New Mexico 87415 (US).
- (74) JONES DAY; Robert W. Dickerson, 555 West Fifth Street, Suite 4600, Los Angeles, California 90013-1025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F16L 9/12  
(11) WO 2004/094887      (13) A1  
(21) PCT/EP2004/004135  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) de      (26) de  
(30) 103 18 328.0      **19 Apr/avr 2003**      DE  
(19.04.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PLASTIC/METAL COMPOSITE TUBE  
• TUBE COMPOSITE MATIERE PLASTIQUE/METAL
- (71) UPONOR INNOVATION AB [SE/SE]; Industrivägen, S-513 81 Fristad (SE).  
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- (72, 75) HÖFFKER, Bruno [DE/DE]; Johannesweg 8, 48432 Rheine (DE). EW-ERING, Franz-Josef [DE/DE]; Metelener Strasse 46, 48607 Ochtrup (DE).
- (74) HILLERINGMANN, Jochen et al. / etc.; Bahnhofsvorplatz 1 (Deichmannhaus), 50667 Köln (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F16L 9/18
- (11) WO 2004/094888 (13) A1
- (21) PCT/EP2004/003865
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) de (26) de
- (30) 203 06 407.0 24 Apr/avr 2003 DE (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DOUBLE-WALLED CORRUGATED PIPE  
• TUYAU ONDULE A DOUBLE PAROI
- (71) DROSSBACH GMBH & CO. KG [DE/DE]; Max-Drossbach-Strasse 7, 86641 Rain am Lech (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HETZNER, Claus [DE/DE]; Geisleithenstrasse 5a, 90513 Zimndorf (DE).
- (74) ALTENBURG, Udo, W.; Bardehle Pagenberg Dost Altenburg Geissler, Galileiplatz 1, 81679 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F16L 55/00
- (11) WO 2004/094890 (13) A2
- (21) PCT/FR2004/000985
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) fr (26) fr
- (30) 03/04925 22 Apr/avr 2003 FR (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF COATING THE INNER WALL OF A PIPE WITH A LATEX FILM  
• PROCEDE DE REVETEMENT DE LA PAROI INTERNE D'UNE CANALISATION PAR UN FILM DE LATEX
- (71) ANJOU RECHERCHE [FR/FR]; 52, rue d'Anjou, F-75008 Paris (FR). RHODIA CONSUMER SPECIALTIES LTD. [GB/GB]; Oak House, Reeds Crescent, Watford, Hertfordshire WD24 4QP (GB).  
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- (72, 75) BLAISE-GRAFTIEAUX, Hélène [FR/FR]; 11, rue de l'Est, F-68100 Mulhouse (FR). RIESS, Gérard [FR/FR]; 31, rue du Meunier, F-68200 Mulhouse (FR). MARTEIL, Philippe [FR/FR]; 3, impasse de la Garenne, F-95450 Vigny (FR). SCHWOB, Jean-Marie [FR/FR]; 16, rue les Vergers, F-78590 Noisy-Le-Roi (FR).
- (74) SANTARELLI; 14, avenue de la Grande Armée, B.P. 237, F-75822 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F16L 59/06, G03G 15/20, A47J 41/00, 27/21
- (11) WO 2004/094891 (13) A1
- (21) PCT/JP2004/004395
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) ja (26) ja
- (30) 2003-113877 18 Apr/avr 2003 JP (18.04.2003)
- (30) 2003-348217 7 Oct/oct 2003 JP (07.10.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VACUUM THERMAL INSULATION MATERIAL AND DEVICE USING THE SAME  
• MATERIAU D'ISOLATION THERMIQUE COMPORTANT UNE COUCHE D'AIR ET DISPOSITIF UTILISANT CE DERNIER
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TSUNETSUGU, Keisuke NAKAMA, Hiroto
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.



(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16P

(11) WO 2004/094892 (13) A2

(21) PCT/US2004/012210

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,685 22 Apr/avr 2003 US (22.04.2003)

(30) 60/504,061 19 Sep/sep 2003 US (19.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INHERENTLY SAFE SYSTEM FOR SUPPLYING ENERGY TO AND EXCHANGING SIGNALS WITH FIELD DEVICES IN HAZARDOUS AREAS

• SYSTEME SUR DE MANIERE INHERENTE POUR ALIMENTER EN ENERGIE ET ECHANGER DES SIGNAUX AVEC DES DISPOSITIFS DE CHAMP DANS DES ZONES ALEATOIRES

(71, 72) ZHOU, Linli [CN/US]; 15711 Caminito Atico, San Diego, CA 92128 (US). LI, Xinning [CN/US]; 15711 Caminito Atico, San Diego, CA 92128 (US).

(74) COGAN, Robert, P.; Nath & Associates PLLC, 1030 15th Street, N.W., 6th Floor, Washington, DC 20005-1503 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F16P

(11) WO 2004/094893 (13) A2

(21) PCT/US2004/002579

(22) 29 Jan/jan 2004 (29.01.2004)

(25) en (26) en

(30) 10/421,527 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FENDER WITH LEAF SPRING ELEMENT

• DISPOSITIF DE PROTECTION CONTRE LES CHOCS, COMPORTANT UN ELEMENT RESSORT A LAMES

(71, 72) ASCHENBACH, Karl, L. [US/US]; 2926 S. Steele Street, Tacoma, WA 98409 (US).

(74) FERRIS, Kassim, M. et al. / etc.; Stoel Rives LLP, Suite 2600, 900 S.W. Fifth Avenue, Portland, OR 97204-1268 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F17D

(11) WO 2004/094894 (13) A2

(21) PCT/US2004/007691

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,247 27 Mar/mar 2003 US (27.03.2003)

(30) 10/703,861 6 Nov/nov 2003 US (06.11.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PIPELINE TRENCH SYSTEM AND METHOD OF CONSTRUCTION

• SYSTEME DE TRANCHEE POUR PIPELINE ET PROCEDE DE CONSTRUCTION

(71) LONGHORN PARTNERS PIPELINE, L.P. [US/US]; 1801 N. Lamar, Suite 100, Dallas, TX 75202 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOSE, Jon [US/US]; 430 Old 36 Road, Belville, TX 77418 (US). SHERROD, Lee, C. [US/US]; 2600 Dellana Lane, Austin, TX (US). WOLFF, Allan, W. [US/US]; 5835 Back Bay Lane, Austin, TX 78736 (US).

KREITLER, Charles [US/US]; 1101 S. Capital of Texas Hwy, Suite B-220, Austin, TX (US). GERDING, Mark, S. [US/US]; 10777 Clay Road, Houston, TX 77041 (US). HOYLE, Richard [US/US]; Texas (US). RICE, Patrick [US/US]; Mail Drop WRC3-9, One Williams Center, P.O.Box 3102, Tulsa, OK (US). DOUGLAS, Tommy [US/US]; Oklahoma (US). HARRELL, Bryce [US/US]; Oklahoma (US). BEACH, James [US/US]; 1101 S. Capital of Texas Hwy, Suite B-220, Austin, TX (US).

(74) MOORE, Stanley, R.; Jenkins & Gilchrist, a Professional Company, 1445 Ross Avenue, Suite 3200, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F21L 19/02, F21V 3/00, 17/18

(11) WO 2004/094895 (13) A2

(21) PCT/US2004/011571

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/418,620 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SLIDING GLOBE ASSEMBLY FOR LANTERN

• ENSEMBLE DE GLOBE COULISSANT POUR LANTERNE

(71) THE COLEMAN COMPANY, INC. [US/US]; 3600 N. Hydraulic, Wichita, KS 67129 (US).

(72) LONG, Norris, Richard; 5166 S. Vine, Wichita, KS 67217 (US).

(74) WYLIE, Roger, D. et al. / etc.; Leydig, Voit & Mayer, LTD., Two Prudential Plaza, Suite 4900, 180 N. Stetson Av., Chicago, IL 60601-6780 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F21S

(11) WO 2004/094896 (13) A2

(21) PCT/US2004/012314

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,185 21 Apr/avr 2003 US (21.04.2003)

(30) 60/467,913 5 May/mai 2003 US (05.05.2003)

(30) 60/500,754 5 Sep/sep 2003 US (05.09.2003)

(30) 60/523,903 20 Nov/nov 2003 US (20.11.2003)

(30) 60/558,400 31 Mar/mar 2004 US (31.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TILE LIGHTING METHODS AND SYSTEMS

• PROCEDES ET SYSTEMES D'ECLAIRAGE DE DALLES

(71) COLOR KINETICS, INC. [US/US]; 10 Milk Street, Suite 1100, Boston, MA 02108 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUELLER, George, G. [US/US]; 234 Hanover Street, Boston, MA 02113 (US). LYS, Ihor, A. [US/US]; 1221 Canton Avenue, Milton, MA 02186 (US). MORGAN, Frederick, M. [US/US]; 157 Butler Avenue, Quincy, MA 02169 (US). PIEPGRAS, Colin [US/US]; 998 Humphrey, Swampscott, MA 01907 (US). ROBERGE, Brian [US/US]; 4 TAM Shanter Road, Franklin, MA 02038 (US). KIM, Hern [US/US]; 75 Brighton Avenue, Apt. 1, Allston, MA 02134 (US). DOWLING, Kevin, J. [US/US]; 23 Village View Road, Westford, MA 01886 (US). LOGAN, Derek [US/US]; 12 Old Post Lane, Sanford, ME 04073 (US). CELLA, Charles, H. [US/US]; 34 Old West Elm Street, Pembroke, MA 02359 (US).

(74) TEJA, Joseph, Jr.; Lowrie, Lando & Anastasi, One Main Street, Cambridge, MA 02142 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F21S 8/02 // F21W 131/402

(11) WO 2004/094897 (13) A1

(21) PCT/EP2004/004281

(22) 22 Apr/avr 2004 (22.04.2004)

(25) de (26) de

(30) 103 18 346.9 22 Apr/avr 2003 DE (22.04.2003)

(30) 103 42 039.8 11 Sep/sep 2003 DE (11.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOUVERED LUMINAIRE

• DISPOSITIF D'ECLAIRAGE A ECRAN PARALUME

(71) ZUMTOBEL STAFF GMBH [AT/AT]; Schweizer Str. 30, A-6850 Dornbirn (AT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LADSTÄTTER, Gerald [AT/AT]; Dammweg 5a, A-6833 Klaus (AT).

(74) SCHMIDT-EVERS, J. et al. / etc.; Mitscherlich & Partner, Sonnenstrasse 33, Postfach 33 06 09, 80066 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F21V 19/06, F21H 1/04, F21V 36/00

(11) WO 2004/094898 (13) A1

(21) PCT/US2004/012258

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/422,542 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR AND METHOD OF INSTALLING A MANTLE CLIP AND MANTLE ON A LANTERN

• APPAREIL ET METHODE DE MONTAGE D'UN CLIP DE MANCHON A INCANDESCENCE SUR UNE LANTERNE

(71) THE COLEMAN COMPANY, INC. [US/US]; 3600 N. Hydraulic, Wichita, KS 67129 (US).

(72) LONG, Norris, Richard; 5166 S. Vine, Wichita, KS 67217 (US). NABORS, Bill; 231 S. Terrace, Wichita, KS 67218 (US).

(74) WYLIE, Roger, D. et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 N. Stetson Ave., Chicago, IL 60601-6780 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F21V 21/38

(11) WO 2004/094899 (13) A1

(21) PCT/IT2003/000260

(22) 28 Apr/avr 2003 (28.04.2003)

(25) it (26) en

(30) PR2003A000031 22 Apr/avr 2003 IT (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A MOBILE RING CONNECTING/RELEASE DEVICE, IN PARTICULAR FOR A HIGH MAST

• DISPOSITIF DE CONNEXION/LIBERATION D'UN ANNEAU MOBILE, CONÇU EN PARTICULIER POUR UN MAT ELEVE

(71, 72) DI GIUSEPPE, Massimo [IT/IT]; Via Apricale, 46, I-00166 Roma (IT).

(74) GOTRA, Stefano; Bugnion S.p.A., Via Garibaldi, 22, I-43100 Parma (IT).

(81) AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : S

(u) for / pour US only / seulement

(51)<sup>7</sup> F21V 33/00

(11) WO 2004/094900 (13) A1

(21) PCT/US2003/023189

(22) 25 Jul/juil 2003 (25.07.2003)

(25) en (26) en

(30) 10/393,633 20 Mar/mar 2003 US (20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TOILET NIGHT LIGHT

• VEILLEUSE POUR LES TOILETTES

(71, 72) REYNOLDS, Daniel, A. [US/US]; 350 S.W. 15TH Street, Deerfield Beach, FL 33442 (US). REYNOLDS, Barton, F. [US/US]; 3350 S.W. 15TH Street, Deerfield Beach, FL 33442 (US).

(74) DOWNEY, Robert, M.; Robert M. Downey, P.A., 601 South Federal Highway Suite 300, Boca Raton, FL 33432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> F23B 7/00  
(11) WO 2004/094901 (13) A1  
(21) PCT/US2004/007698  
(22) 31 Mar/mar 2004 (31.03.2004)  
(25) en (26) en  
(30) 60/458,377 31 Mar/mar 2003 US (31.03.2003)  
(30) 10/812,393 30 Mar/mar 2004 US (30.03.2004)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • OXYGEN-BASED BIOMASS COMBUSTION SYSTEM AND METHOD  
• SYSTEME DE COMBUSTION DE BIOMASSE A BASE D'OXYGENE ET PROCEDE ASSOCIE  
(71) NATHANIEL ENERGY CORPORATION [US/US]; 8001 South Interport Blvd., Suite 260, Englewood, CO 80112 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72) ABRAMS, Stan; 4871 N. Mesa Drive, Castle Rock, CO 80104 (US). CULVEY, Brian; 7867 Oak Way, Sedalia, CO 80135 (US).  
(74) ZEGEER, Jim; 801 N. Pitt Street, Suite 108, Alexandria, VA 22314 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
Published / Publiée : (c)  
(51)<sup>7</sup> F23C 6/04, C03B 5/235  
(11) WO 2004/094902 (13) A1  
(21) PCT/FR2004/050149  
(22) 7 Apr/avr 2004 (07.04.2004)  
(25) fr (26) fr  
(30) 0304867 18 Apr/avr 2003 FR (18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • STAGED COMBUSTION METHOD FOR A LIQUID FUEL AND AN OXIDANT IN A FURNACE  
• PROCEDE DE COMBUSTION ETAGEE D'UN COMBUSTIBLE LIQUIDE ET D'UN OXYDANT DANS UN FOUR  
(71) L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75 quai d'Orsay, F-75321 CEDEX 07 PARIS (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) DUPERRAY, Pascal [FR/FR]; 15 rue Ronsard, F-78180 MONTIGNY LE BRETONNEUX (FR). GRAND, Benoît

- [FR/FR]; 30 Promenade Monalisa, F-78000 VERSAILLES (FR). LEROUX, Bertrand [FR/FR]; 35 avenue de Breteuil, F-75007 PARIS (FR). RECOURT, Patrick [FR/FR]; 5 rue Toulouse Lautrec, F-91460 MARCOUSSIS (FR). TSIAYA, Rémi [FR/FR]; 71 rue André Breton, F-91250 SAINT GERMAIN LES CORBEIL (FR).  
(74) CONAN, Philippe; 75 quai d'Orsay, F-75321 CEDEX 07 PARIS (FR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
Published / Publiée : (c)  
(51)<sup>7</sup> F23C 11/00  
(11) WO 2004/094903 (13) A1  
(21) PCT/KR2003/001693  
(22) 22 Aug/août 2003 (22.08.2003)  
(25) ko (26) en  
(30) 10-2003-0025217 21 Apr/avr 2003 KR (21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • APPARATUS FOR GENERATING COLOR FLAMES  
• APPAREIL POUR PRODUIRE DES FLAMMES DE COULEUR  
(71) SAINTCROSS CO.,LTD. [KR/KR]; 4F Co-real Bldg 190-5 Bangyee-Dong, Songpa-Gu, Seoul 138-050 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) KOH, SUN-HO [KR/KR]; 13Dong 705Ho Wosung APT, Gamsil 7Dong, Songpa-gu, Seoul 138-798 (KR). IM, JIN-MAN [KR/KR]; 102Dong 702Ho Kumho Best Vill, 157 Bangi-Dong, Songpa-Gu, Seoul 138-050 (KR).  
(74) KOREANA PATENT FIRM; Dong-Kyong Bldg 824-19, Yoksam-Dong, Kangnam-gu, Seoul 135-080 (KR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> F23G 5/00  
(11) WO 2004/094904 (13) A1  
(21) PCT/IB2004/001220  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) it (26) en  
(30) BO2003A000242 23 Apr/avr 2003 IT (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD AND PLANT FOR THE TREATMENT OF MATERIALS, IN PARTICULAR WASTE MATERIALS AND REFUSE  
• PROCEDE ET INSTALLATION POUR LE TRAITEMENT DE MATIERES, NOTAMMENT DE DECHETS ET D'ORDURES  
(71) ITEA S.P.A. [IT/IT]; Via Pollastri, 6, I-40138 Bologna (IT).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) ROSSETTI, Edoardo [IT/IT]; Via S. Luca, 9/3, I-40135 Bologna (IT). MALAVASI, Massimo [IT/IT]; Via Santa Marta, 13, I-20123 Milano (IT).  
(74) PROVVISIONATO, Paolo et al. / etc.; Provvionato & Co. S.r.l., Piazza di Porta Mascarella, 7, I-40126 Bologna (IT).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
Published / Publiée : (c)  
Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for the following designation / pour la désignation suivante : US  
(u) for / pour US only / seulement  
(51)<sup>7</sup> F23K  
(11) WO 2004/094905 (13) A2  
(21) PCT/US2004/011029  
(22) 12 Apr/avr 2004 (12.04.2004)  
(25) en (26) en

- (30) 10/417,560 **17 Apr/avr 2003** US  
(17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MULTI-SPIN MIXER FOR PARTICULATE COAL SUPPLY CONDUIT  
• MELANGEUR MULTI-ROTATION POUR UN CONDUIT D'ALIMENTATION EN PARTICULES DE CHARBON
- (71, 72) WARK, Rickey, E. [US/US]; 4 Watermark Way, The Woodlands, TX 77381 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (74) YOUNG, Thomas, N.; Young & Basile P.C., Suite 624, 3001 West Big Beaver Road, Troy, MI 48084 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F23N 1/00, F23L 1/00
- (11) WO 2004/094907 (13) A1
- (21) PCT/US2003/041295
- (22) 29 Dec/déc 2003 (29.12.2003)
- (25) en (26) en
- (30) 10/394,847 **22 Mar/mar 2003** US  
(22.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PARTIALLY-OPEN FIRED HEATER CYCLE PROVIDING HIGH THERMAL EFFICIENCIES AND ULTRA-LOW EMISSIONS  
• CYCLE DE BRULEUR A FEU PARTIELLEMENT OUVERT A FORT RENDEMENT THERMIQUE ET EMISSIONS ULTRA REDUITES
- (71, 72) NEARY, David [US/US]; 711 Manchester Trail Drive, Spring, TX 77373 (US).
- (74) NEARY, David; 711 Manchester Trail Drive, Spring, TX 77373 (US).
- (81) AU CA CN GE IN JP KP MX NO PL SG UA ZA.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- 
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> F23R
- (11) WO 2004/094908 (13) A2
- (21) PCT/US2004/007752
- (22) 12 Mar/mar 2004 (12.03.2004)
- (25) en (26) en
- (30) 60/457,452 **25 Mar/mar 2003** US  
(25.03.2003)
- (30) 10/716,638 **18 Nov/nov 2003** US  
(18.11.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VALVE FOR A NON-REFILLABLE PRESSURIZED CONTAINER  
• CLAPET POUR CONTENANT SOUS PRESSION NE POUVANT ETRE RECHARGE
- (71) AMTROL, INC. [US/US]; 1400 Division Road, West Warwick, RI 02893 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) HEILMANN, Albert; 10 Potter Avenue, Warwick, RI 02893 (US). PIETTE, Scott; 58 Minerva Avenue, Cumberland, RI 02864 (US).
- (74) NEUNER, George, W.; Edwards & Angell LLP, P.O. Box 55874, Boston, MA 02205 (US).
- 
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F24B
- (11) WO 2004/094910 (13) A2
- (21) PCT/US2004/002957
- (22) 3 Feb/fév 2004 (03.02.2004)
- (25) en (26) en
- (30) 10/407,489 **4 Apr/avr 2003** US  
(04.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> F23R 3/40, F23C 11/00, F23L 7/00
- (11) WO 2004/094909 (13) A1
- (21) PCT/CH2003/000478
- (22) 16 Jul/juil 2003 (16.07.2003)
- (25) de (26) de
- (30) 103 18 669.7 **24 Apr/avr 2003** DE  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND DEVICE FOR OPERATING A BURNER OF A HEAT ENGINE, ESPECIALLY A GAS TURBINE PLANT  
• PROCEDE ET DISPOSITIF D'UTILISATION D'UN BRULEUR D'UN MOTEUR THERMIQUE, NOTAMMENT D'UN SYSTEME DE TURBINES A GAZ
- (71) ALSTOM TECHNOLOGY LTD [CH/CH]; Brown Boveri Strasse 7, CH-5400 Baden (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GRIFFIN, Timothy [US/CH]; Bachtalstrasse 15, CH-5408 Ennetbaden (CH). WINKLER, Dieter [DE/DE]; Am Eichwald 9, 79787 Lauchringen (DE).
- (74) ALSTOM TECHNOLOGY LTD; CHTI Intellectual Property, Brown Boveri Str. 7/699/5, CH-5401 Baden (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> F24B
- (11) WO 2004/094910 (13) A2
- (21) PCT/US2004/002957
- (22) 3 Feb/fév 2004 (03.02.2004)
- (25) en (26) en
- (30) 10/407,489 **4 Apr/avr 2003** US  
(04.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (54) • APPARATUS FOR BURNING PULVERIZED SOLID FUELS WITH OXYGEN  
• APPAREIL POUR BRULER DES COMBUSTIBLES SOLIDES PULVERISES A L'AIDE D'OXYGENE

(71) MAXON CORPORATION [US/US]; 201 East 18th Street, Muncie, IN 47307 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAYLOR, Curtis, L. [US/US]; 10441 West McCreery Road, Gaston, IN 47342 (US).

(74) REZEK, Richard, A.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)<sup>7</sup> F24C

(11) WO 2004/094911 (13) A2

(21) PCT/US2004/004951

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/409,524 8 Apr/avr 2003 US (08.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • OUTDOOR COOKER OVEN  
• FOUR CUISEUR DE PLEIN AIR

(71, 72) SNIDER, Ronald, B [US/US]; 358 Lake View Blvd., New Braunfels, TX 78130 (US).

(74) HANOR, Charles, W.; CHARLES W. HANOR, P.C., P.O. Box 91319, San Antonio, TX 78209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> F24C 15/14, 15/12

(11) WO 2004/094912 (13) A1

(21) PCT/US2004/012431

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,681 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • OVEN WITH GREASE COLLECTION SYSTEM  
• FOUR EQUIPE D'UN SYSTEME DE COLLECTE DE GRAISSES

(71) ALTO-SHAAM, INC. [US/US]; W164 N9221 Water Street, Menomonee Falls, WI 53052-0450 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANSEN, William, J. [US/US]; W283 N3871 Yorkshire Trace, Pewaukee, WI 53072 (US). BARTELICK, Janus [US/US]; 9418 North Green Bay Road., Apt.336, Brown Deer, WI 53029 (US).

(74) FORMAN, Adam, J.; Quarles & Brady LLP, 411 E. Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F24D 3/02

(11) WO 2004/094913 (13) A1

(21) PCT/AU2004/000528

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 2003203784 22 Apr/avr 2003 AU (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • HOT WATER ASSEMBLY FOR HEATING AN ENVIRONMENT

- INSTALLATION D'EAU CHAUDE POUR APPAREIL DE CHAUFFAGE

(71, 72) AZZI, Ziad, E. [AU/AU]; 6 Moores Road, Glenorie, NSW 2157 (AU). EL SKAF, Bechara [AU/AU]; 59 Carlton Parade, Punchbowl, NSW 2196 (AU).

(74) SPRUSON & FERGUSON; GPO BOX 3898, Sydney, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F24D 13/02

(11) WO 2004/094914 (13) A1

(21) PCT/IT2003/000436

(22) 14 Jul/juil 2003 (14.07.2003)

(25) en (26) en

(30) MI2003A000840 24 Apr/avr 2003 IT (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • THERMOELECTRIC PLATFORM HEATED AT LOW VOLTAGE

- PLATEFORME THERMOELECTRIQUE CHAUFFEE A BASSE TENSION

(71) CADIF SRL [IT/IT]; Via Monte Cervino, 2, I-37057 S. Giovanni Lupatoto (IT).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STABILE, Aldo [IT/IT]; Via C. Uberti, 2, I-26016 Crema (IT).

(74) DIGIOVANNI, Italo; Brevetti Dott. Ing. Digiovanni Schmiedt S.R.L., Via Aldrovandi, 7, I-20129 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> F24F
- (11) WO 2004/094915 (13) A2
- (21) PCT/KR2004/000932
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) ko (26) en
- (30) 10-2003-0025817 23 Apr/avr 2003 KR (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • OUTDOOR UNIT INSTALLATION SYSTEM FOR AIR CONDITIONER  
• SYSTEME D'INSTALLATION D'UNE UNITE EXTERIEURE D'UN CONDITIONNEUR D'AIR
- (71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, In-Gyu [KR/KR]; Woosung Apt. 110-706, Poongho-Dong, Jinhae-Shi, Kyungsangnam-Do 645-750 (KR). KOO, Ja-Hyung [KR/KR]; Daedong Apt. 112-405, Daebang-Dong, Changwon-Shi, Kyungsangnam-Do 641-757 (KR). PARK, Byung-II [KR/KR]; Woosung Apt. 103-905, Namyong-Dong, Changwon-Shi, Kyungsangnam-Do 641-091 (KR). KIM, Yang-Ho [KR/KR]; Sungwon Apt. 206-1006, 45-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-779 (KR). HONG, Young-Ho [KR/KR]; Daedong Apt. No. 305, 431-2, Yorae-Ri, Jinyoung-Yup, Kimhae-Shi, Kyungsangnam-Do 621-805 (KR). HEO, Kyeong-Wook [KR/KR]; Towol-Daedong Apt. 107-1004, 44-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-830 (KR). SUNG, Si-Kyong [KR/KR]; LGE Dormitory No. 522, 14-5, Gaumjong-Dong, Changwon-Shi, Kyungsangnam-Do 641-711 (KR). LEE, Dong-Hyuk [KR/KR]; Sosung-Jutaek No. 7, 509-24, Yee-Dong, Jinhae-Shi, Kyungsangnam-Do 645-808 (KR). KIM, Tae-Geun [KR/KR]; 2nd Gaenari Apt. 204-1103, 39, Daebang-Dong, Changwon-Shi, Kyungsangnam-Do 641-804 (KR).
- (74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> F24F 1/00
- (11) WO 2004/094917 (13) A1
- (21) PCT/KR2003/001122
- (22) 9 Jun/juin 2003 (09.06.2003)
- (25) ko (26) en
- (30) 10-2003-0025816 23 Apr/avr 2003 KR (23.04.2003)
- (30) 10-2003-0025817 23 Apr/avr 2003 KR (23.04.2003)
- (30) 10-2003-0028212 2 May/mai 2003 KR (02.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • FRONT SUCTION/DISCHARGE TYPE OUTDOOR UNIT FOR AIR CONDITIONER AND OUTDOOR UNIT INSTALLATION SYSTEM USING IT  
• MODULE D'EXTERIEUR DE CLIMATISEUR A PRISE ET DECHARGE D'AIR EN FAÇADE, ET SYSTEME D'INSTALLATION DE MODULE D'EXTERIEUR L'UTILISANT
- (71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, In-Gyu [KR/KR]; Woosung Apt. 110-706, Poongho-Dong, Jinhae-Shi, Kyungsangnam-Do 645-750 (KR). BAE, Young-Ju [KR/KR]; Daedong Apt. 106-503, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-777 (KR). KOO, Ja-Hyung [KR/KR]; Daedong Apt. 112-405, Daebang-Dong, Changwon-Shi, Kyungsangnam-Do 641-757 (KR). PARK, Byung-II [KR/KR]; Woosung Apt. 103-905, Namyong-Dong, Changwon-Shi, Kyungsangnam-Do 641-091 (KR). KIM, Kyeong-Ho [KR/KR]; Sungwon Apt. 206-2002, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-779 (KR). KIM, Yang-Ho [KR/KR]; Sungwon Apt. 206-1006, 45-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-779 (KR). HONG, Young-Ho [KR/KR]; Daeyoung Apt. No. 305, 431-2, Yorae-Ri, Jinyoung-Yup, Kimhae-Shi, Kyungsangnam-Do 621-805 (KR). HEO, Kyeong-Wook [KR/KR]; Towol-Daedong Apt. 107-1004, 44-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-830 (KR). CHA, Kang-Wook [KR/KR]; Towol-Sungwon Apt. 202-1004, 45-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-830 (KR). SUNG, Si-Kyong [KR/KR]; LGE Dormitory No. 522, 14-5, Gaumjong-Dong, Changwon-Shi, Kyungsangnam-Do 641-711 (KR). LEE, Dong-Hyuk [KR/KR]; Sosung-Jutaek No. 7, 509-24, Yee-Dong, Jinhae-Shi, Kyungsangnam-Do 645-808 (KR). KANG, Seong-Min [KR/KR]; 186, Kodeok-Dong, Kangdong-Ku, Seoul 134-801 (KR). KIM, Tae-Geun [KR/KR]; 2nd Gaenari Apt. 204-1103, 39, Daebang-Dong, Changwon-Shi, Kyungsangnam-Do 641-804 (KR).
- (74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).
- (81) CN JP US.
- (51)<sup>7</sup> F24F 1/00, 13/08
- (11) WO 2004/094918 (13) A1
- (21) PCT/KR2003/001123
- (22) 9 Jun/juin 2003 (09.06.2003)
- (25) ko (26) en
- (30) 10-2003-0025818 23 Apr/avr 2003 KR (23.04.2003)
- (30) 10-2003-0025819 23 Apr/avr 2003 KR (23.04.2003)
- (30) 10-2003-0030990 15 May/mai 2003 KR (15.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BUILT-IN TYPE OUTDOOR UNIT FOR AIR CONDITIONER  
• UNITE EXTERIEURE DU TYPE ENCASTRABLE POUR UN CONDITIONNEUR D'AIR
- (71) LG ELECTRONICS, INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, In-Gyu [KR/KR]; Woosung Apt. 110-706, Poongho-Dong, Jinhae-Shi, Kyungsangnam-Do 645-750

(KR). BAE, Young-Ju [KR/KR]; Daedong Apt. 106-503, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-777 (KR). DOO, Ja-Hyung [KR/KR]; Daedong Apt. 112-405, Daebang-Dong, Changwon-Shi, Kyungsangnam-Do 641-757 (KR). PARK, Byung-II [KR/KR]; Woosung Apt. 103-905, Namyang-Dong, Changwon-Shi, Kyungsangnam-Do 641-091 (KR). KIM, Kyeong-Ho [KR/KR]; Sungwon Apt. 206-2002, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-779 (KR). KIM, Yang-Ho [KR/KR]; Sungwon Apt. 206-1006, 45-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-779 (KR). HONG, Young-Ho [KR/KR]; Daeyoung Apt. No. 305, 431-2, Yorae-Ri, Jinyoung-Yup, Kimhae-Shi, Kyungsangnam-Do 621-805 (KR). HEO, Kyeong-Wook [KR/KR]; Towol-Daedong Apt. 107-1004, 44-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-830 (KR). CHA, Kang-Wook [KR/KR]; Towol-Sungwon Apt. 202-1004, 45-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-830 (KR). SUNG, Si-Kyong [KR/KR]; LGE Dormitory No. 522, 14-5, Gaumjong-Dong, Changwon-Shi, Kyungsangnam-Do 641-711 (KR). LEE, Dong-Hyuk [KR/KR]; Sosung-Jutaek No. 7, 509-24, Yee-Dong, Jinhae-Shi, Kyungsangnam-Do 645-808 (KR). KANG, Seong-Min [KR/KR]; 186, Kodeok-Dong, Kangdong-Ku, Seoul 134-801 (KR). KIM, Tae-Geun [KR/KR]; 2nd Gaenari Apt. 204-1103, 39, Daebang-Dong, Changwon-Shi, Kyungsangnam-Do 641-804 (KR).

(74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)<sup>7</sup> F24F 1/00, 13/06

(11) WO 2004/094919 (13) A1

(21) PCT/KR2004/000931

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ko (26) en

(30) 10-2003-0025817 23 Apr/avr 2003 KR (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BUILT-IN TYPE OUTDOOR UNIT FOR AIR CONDITIONER

- UNITE EXTERIEURE DE TYPE ENCASTREE DESTINEE A UN CLIMATISEUR

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Yongdungpo-Ku, Seoul 150-010 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KIM, In-Gyu [KR/KR]; Woosung Apt. 110-706, Poongho-Dong, Jinhae-Shi, Kyungsangnam-Do 645-750 (KR). KOO, Ja-Hyung [KR/KR]; Daedong Apt. 112-405, Daebang-Dong, Changwon-Shi, Kyungsangnam-Do 641-757 (KR). PARK, Byung-II [KR/KR]; Woosung Apt. 103-905, Namyong-Dong, Changwon-Shi, Kyungsangnam-Do 641-091 (KR). KIM, Yang-Ho [KR/KR]; Sungwon Apt. 206-1006, 45-1,

Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-779 (KR). HONG, Young-Ho [KR/KR]; Daedong Apt. No. 305, 431-2, Yorae-Ri, Jinyoung-Yup, Kimhae-Shi, Kyungsangnam-Do 621-805 (KR). HEO, Kyeong-Wook [KR/KR]; Towol-Daedong Apt. 107-1004, 44-1, Sangnam-Dong, Changwon-Shi, Kyungsangnam-Do 641-830 (KR). SUNG, Si-Kyong [KR/KR]; LGE Dormitory No. 522, 14-5, Gaumjong-Dong, Changwon-Shi, Kyungsangnam-Do 641-711 (KR). LEE, Dong-Hyuk [KR/KR]; Sosung-Jutaek No. 7, 509-24, Yee-Dong, Jinhae-Shi, Kyungsangnam-Do 645-808 (KR). KIM, Tae-Geun [KR/KR]; 2nd Gaenari Apt. 204-1103, 39, Daebang-Dong, Changwon-Shi, Kyungsangnam-Do 641-804 (KR).

(74) LEE, Kwang-Yeon; Lee & Kim, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, Seoul 135-935 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F24F 7/04

(11) WO 2004/094920 (13) A1

(21) PCT/JP2004/000240

(22) 15 Jan/jan 2004 (15.01.2004)

(25) ja (26) ja

(30) 2003-118847 23 Apr/avr 2003 JP (23.04.2003)

(30) 2003-271432 26 Sep/sep 2003 JP (26.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VENTILATOR

- VENTILATEUR

(71) TOSHO ENGINEERING CO., LTD. [JP/JP]; 12-26, Konan 2-chome, Minato-ku, Tokyo 1080075 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TAKEDA, Fumiharu [JP/JP]; c/o TOSHO ENGINEERING CO., LTD., 12-26, Konan 2-chome, Minato-ku, Tokyo 1080075 (JP).

(74) MURASE, Kazumi; Nishishimbashi Tachikawa Bldg. Bekkan, 12-7, Nishishimbashi 2-chome, Minato-ku, Tokyo 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> F24F 12/00, F28D 1/04, 7/10

(11) WO 2004/094921 (13) A1

(21) PCT/EP2003/014836

(22) 23 Dec/déc 2003 (23.12.2003)

(25) de (26) de

(30) 103 18 457.0 23 Apr/avr 2003 DE (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMBINED FLUID-AIR EVAPORATOR AND NOVEL SWITCHING CONCEPT FOR A HEAT PUMP IN A VENTILATING APPARATUS

- EVAPORATEUR COMBINE FLUIDE/AIR ET CONCEPT DE BRANCHEMENT D'UNE POMPE A CHALEUR DANS UN APPAREIL DE VENTILATION

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Hansastrasse 27c, 80686 München (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BICHLER, Christian [AT/AT]; Hardstr. 7, A-4654 Bad Wimsbach (AT). BÜHRING, Andreas [DE/DE]; Georg-Elser-Str. 23, 79100 Freiburg (DE).

(74) RÖSLER, Uwe; Landsberger Str. 480a, 81241 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)<sup>7</sup> F24F 13/02

(11) WO 2004/094922 (13) A1

(21) PCT/GB2004/001592

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 0308825.9 16 Apr/avr 2003 GB (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VENTILATION DUCT

- BUSE D'AERAGE

(71) VERPLAS LIMITED [GB/GB]; Unit Seven, Verwood Industrial Estate, Blackhill, Verwood, Dorset BH31 6HA (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SELLWOOD, Ian [GB/GB]; Horseshoe Cottage, Gorley Road, Rockford, Ringwood, Hampshire BH24 3NA (GB).

(74) GREY, Ian et al. / etc.; Venner, Shipley LLP, 20 Little Britain, London EC1A 7DH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F24H 1/00, 1/44

(11) WO 2004/094923 (13) A1

(21) PCT/US2003/040154

(22) 8 Dec/déc 2003 (08.12.2003)

(25) en (26) en

(30) 10/417,902 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • INDIRECT FIRED PROCESS HEATER  
• ELEMENT DE CHAUFFAGE DE PRO-  
CESSUS A MISE A FEU INDIRECTE

(71, 72) KHOSROWYAR, Parviz [US/US];  
1007 East Admiral Boulevard, Tulsa, OK  
74120 (US).

(74) KACHIGIAN, Mark, G.; Head, Johnson &  
Kachigian, 228 West 17th Place, Tulsa, OK  
74119 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ PL PT RO RU SD  
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ  
VN YU ZA ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> F24J

(11) WO 2004/094924 (13) A2

(21) PCT/US2004/012323

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,429 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • SOLAR COLLECTORS WITH EVACU-  
ATED RECEIVER AND NONIMAGING  
EXTERNAL REFLECTORS  
• CAPTEURS SOLAIRES AVEC RECEP-  
TEUR SOUS VIDE ET REFLECTEURS  
EXTERNES NON IMAGEURS

(71) SOLARGENIX ENERGY LLC [US/US];  
1378 Charleston Drive, Sanford, North Car-  
olina 27330 (US).  
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les États désignés sauf US)*

(72, 75) WINSTON, Roland [US/US]; 3384  
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(US).

(74) RECHTIN, Michael; Foley & Lardner LLP,  
321 N. Clark Street, Suite 2800, Chicago, Illi-  
nois 60610-4764 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F25B

(11) WO 2004/094925 (13) A2

(21) PCT/US2004/012081

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,644 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHODS FOR DETECTING SURGE  
IN CENTRIFUGAL COMPRESSORS  
• METHODES DE DETECTION  
D'A-COUPS DANS DES COMPRES-  
SEURS CENTRIFUGES

(71) AAF-MCQUAY INC. [US/US]; 13600 In-  
dustrial Park Boulevard, Minneapolis, MN  
55441 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) KNOPP, John, C. [US/US]; c/o AAF-  
MCQUAY INC., 13600 Industrial Boulevard,  
Minneapolis, MN 55441 (US).

(74) PEDERSEN, Brad et al. / etc.; Patterson,  
Thuente, Skaar & Christensen, P.A., 4800 IDS  
Center, 80 South Eighth Street, Minneapolis,  
MN 55402-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F25B 5/02, 41/04, 40/02

(11) WO 2004/094926 (13) A1

(21) PCT/US2004/010797

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/419,509 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VAPOR COMPRESSION SYSTEM  
WITH BYPASS/ECONOMIZER CIR-  
CUITS

- SYSTEME DE COMPRESSION DE  
VAPEUR A CIRCUITS EN DERIVA-  
TION/ECONOMISEUR

(71) CARRIER CORPORATION [US/US];  
Carrier Parkway, P.O. Box 4800, Syracuse,  
New York 13221 (US).

(72) LIFSON, Alexander; 8198 Dycus Circle,  
Manlius, NY 13104 (US). TARAS, Michael,  
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(74) ROCKWELL, Bryan, D.; Carrier Corpora-  
tion, Intellectual Property Department, P.O.  
Box 4800, Carrier Parkway, Syracuse, NY  
13221 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F25B 9/14, F28D 20/00

(11) WO 2004/094927 (13) A1

(21) PCT/EP2004/003944

(22) 15 Apr/avr 2004 (15.04.2004)

(25) de (26) de

(30) 103 18 510.0 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • HEAT-STORING MEDIUM  
• MOYEN D'ACCUMULATION DE CHA-  
LEUR

(71) LEYBOLD VAKUUM GMBH [DE/DE];  
Bonner Strasse 498, 50968 Köln (DE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) HÄFNER, Hans-Ulrich [DE/DE];  
Nibelungenweg 11, 50996 Köln (DE).  
SCHNACKE, Ernst [DE/DE]; Merheimer  
Strasse 165, 50733 Köln (DE). THUMMES,  
Günter [DE/DE]; Hasenwinkel 66, 22559  
Hamburg (DE).

(74) SELTING, Günther et al. / etc.; Deich-  
mannhaus am Dom, Bahnhofsvorplatz 1,  
50667 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU



MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F25B 17/08

(11) WO 2004/094928 (13) A1

(21) PCT/GR2004/000025

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 20030100184 21 Apr/avr 2003 GR (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ADSORPTION CHILLER FOR THE PRODUCTION OF COOLING POWER FROM LOW TEMPERATURE HOT WATER

- REFROIDISSEUR A ADSORPTION POUR LA PRODUCTION D'UNE ENERGIE DE REFROIDISSEMENT A PARTIR D'EAU CHAUDE A BASSE TEMPERATURE

(71, 72) PAPAPOULOS, Alexandros [GR/GR]; 14 Herodotou Street, Dionysos, GR-14576 Athens (GR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F25B 49/00, F25D 29/00

(11) WO 2004/094929 (13) A1

(21) PCT/US2004/009925

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/420,754 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPRESSOR OPERATION FOLLOWING SENSOR FAILURE

- FONCTIONNEMENT D'UN COMPRESSEUR A LA SUITE D'UNE PANNE D'UN CAPTEUR

(63) US 10/420,754 (CIP) 23 Apr/avr 2003 (23.04.2003)

(71) KENDRO LABORATORY PRODUCTS, LP [US/US]; 31 Pecks Lane, Newtown, CT 06470 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAIR, III, Richard, H. [US/US]; 215 Jordust Lane, Weaverville, NC 28787 (US). ELWOOD, Bryan, M. [US/US]; 84 High Meadows Drive, Candler, NC 28715 (US).

(74) SHEEHAN, Kenneth, J. et al. / etc.; Baker & Hostetler LLP, Washington Square, Suite 1100, 1050 Connecticut Avenue, NW, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> F26B 13/00, 25/00

(11) WO 2004/094930 (13) A1

(21) PCT/US2004/007193

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/421,195 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VAPOR COLLECTION METHOD AND APPARATUS

- PROCEDE ET APPAREIL DE COLLECTE DE VAPEUR

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(72) MILLER, Craig A.; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). JAIN, Nirmal K.; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). KOLB, William B.; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) SZYMANSKI, Brian E., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> F27B 9/00

(11) WO 2004/094931 (13) A2

(21) PCT/FR2004/000866

(22) 7 Apr/avr 2004 (07.04.2004)

(25) fr (26) fr

(30) 03/04877 18 Apr/avr 2003 FR (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR CONTROLLING THE HOMOGENEITY OF THE TEMPERATURE OF PRODUCTS IN A METALLURGICAL REHEATING FURNACE, AND REHEATING FURNACE

- PROCEDE DE CONTROLE DE L'HOMOGENEITE DE TEMPERATURE DES PRODUITS DANS UN FOUR DE RECHAUFFAGE DE SIDERURGIE, ET FOUR DE RECHAUFFAGE.

(71) STEIN HEURTEY [FR/FR]; Z.A.I. du Bois de l'Epine, F-91130 Ris-Orangis (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOREL, Alain [FR/FR]; 84 Rue Racine, F-69100 Villeurbanne (FR).

(74) MICHARDIERE, Bernard et al. / etc.; Cabinet Armengaud Aine, 3, Avenue Bugeaud, F-75116 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> F28B 1/06, 3/04

(11) WO 2004/094932 (13) A1

(21) PCT/HU2003/000055

(22) 27 Jun/juin 2003 (27.06.2003)

(25) en (26) en

(30) P0301127 24 Apr/avr 2003 HU (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMBINED AIR COOLED CONDENSER

- SYSTEME DE REFROIDISSEMENT PAR AIR

(71, 72) SZABÓ, Zoltán [HU/HU]; Toth Arpad setany 28, H-1014 Budapest (HU).

(74) S.B.G. AND K. PATENT AND LAW OFFICES; Andrassy út 113, H-1062 Budapest (HU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO  
RU SC SD SE SG SK SL TJ TM TN TR TT  
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> F28D 15/02

(11) WO 2004/094933 (13) A1  
(21) PCT/US2004/006878  
(22) 5 Mar/mar 2004 (05.03.2004)  
(25) en (26) en  
(30) 10/400,743 26 Mar/mar 2003 US  
(26.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A HEAT PIPE HAVING AN INNER RE-  
TAINING WALL FOR WICKING COM-  
PONENTS  
• CALODUC COMPORTANT UNE PA-  
ROI INTERIEURE DE RETENUE POUR  
COMPOSANTS A CAPILLARITE

(71) INTEL CORPORATION [US/US]; (a  
Delaware Corporation), 2200 Mission Col-  
lege Boulevard, Santa Clara, CA 95052 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72) CHAU, David; 6342 West Linda Lane,  
Chandler, AZ 85226 (US). SAUCIUC, Ioan;  
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85045 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely,  
Sokoloff, Taylor & Zafman, 12400 Wilshire  
Boulevard, 7th floor, Los Angeles, CA 90025  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F41B

(11) WO 2004/094934 (13) A2  
(21) PCT/US2004/012687  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en  
(30) 60/464,768 23 Apr/avr 2003 US  
(23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ARCHERY BOW SIGHT WITH POWER  
SAVING LASER SIGHTING MECHA-  
NISM

• APPAREIL DE VISEE D'ARC EQUIPE  
D'UN MECANISME DE VISEE AU LA-  
SER ECONOMOME EN ENERGIE

(71, 72) HODGE, Kevin [US/US]; c/o Pub-  
lishers Press, 100 Frank E. Simon Avenue,  
Shepherdsville, KY 40165 (US). AXEL-  
ROD, Glen S. [US/US]; 106 Cedar Drive,  
Colts Neck, NJ 07722 (US).

(74) GROSSMAN, Steven et al. / etc.; Gross-  
man, Tucker, Perreault & Pflieger, 55 South  
Commercial Street, Manchester, NH 03101  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> F42B 3/00

(11) WO 2004/094935 (13) A2  
(21) PCT/FR2004/000882  
(22) 9 Apr/avr 2004 (09.04.2004)  
(25) fr (26) fr  
(30) 03/04764 16 Apr/avr 2003 FR  
(16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR THE ELECTRICAL INI-  
TIATION OF A PYROTECHNIC MI-  
CROCHARGE, AND MICROSYSTEM  
USING SUCH A DEVICE

• DISPOSITIF D'INITIATION ELEC-  
TRIQUE D'UNE MICRO-CHARGE PY-  
ROTECHNIQUE ET MICROSYSTEME  
UTILISANT UN TEL DISPOSITIF

(71) SNPE MATERIAUX ENERGETIQUES  
[FR/FR]; 12, quai Henri IV, F-75004 Paris  
(FR).  
(only for / seulement pour US)

(71) BIOMERIEUX [FR/FR]; Chemin de  
l'Orme, F-69280 Marcy-l'Etoile (FR).  
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les États désignés sauf US)

(72, 75) ROLLER, Denis [FR/FR]; Villa du  
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BROYER, Patrick [FR/FR]; Le parc du  
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Beynost (FR). COLIN, Bruno [FR/FR]; 23,  
chemin des Garennes, F-69280 Marcy l'Etoile  
(FR).

(74) SNPE; Service Propriété Industrielle, 12,  
quai Henri IV, F-75004 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01B

(11) WO 2004/094936 (13) A2  
(21) PCT/US2004/012091  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 60/464,237 21 Apr/avr 2003 US  
(21.04.2003)  
(30) 10/460,971 13 Jun/juin 2003 US  
(13.06.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR  
MEASURING FILM THICKNESS AND  
FILM THICKNESS GROWTH

• PROCEDE ET APPAREIL POUR ME-  
SURER UNE EPAISSEUR DE FILM ET  
UNE CROISSANCE D'EPAISSEUR DE  
FILM

(71) TANGIDYNE CORPORATION [US/US];  
1207 Van Vleck Road, Suite C, Syracuse, NY  
13209 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) GRIMSHAW, Scott [US/US]; 1934 Am-  
naste Lane, Marcellus, NY 13108 (US).

(74) BROWN, Kevin, C.; Burr & Brown, P.O.  
Box 7068, Syracuse, NY 13261-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01B

(11) WO 2004/094937 (13) A2  
(21) PCT/US2004/008052  
(22) 17 Mar/mar 2004 (17.03.2004)  
(25) en (26) en  
(30) 60/459,528 1 Apr/avr 2003 US  
(01.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEASURING TAPE  
• RUBAN DE MESURE

(71) THE PERFECT MEASURING TAPE  
CO. [US/US]; 1116 Summit Street, Toledo,  
OH 43604 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HUI, Sun, Chao [CN/CN]; 165 Duiy Lane, Room 204, Yuyao City, Zhejiang Province (CN).

(74) FRASER, Donald, R.; Fraser Martin Buchanan Miller LLC, 132 West Second Street, Perrysburg, OH 43551-1401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01B 5/28

(11) WO 2004/094938 (13) A1

(21) PCT/US2004/011814

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/417,506 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR IMPROVING TUNING OF A PROBE-BASED INSTRUMENT

• APPAREIL ET PROCÉDE POUR AMÉLIORER LE REGLAGE D'UN INSTRUMENT PRÉSENTANT DES ONDES

(71) VEECO INSTRUMENTS INC. [US/US]; 100 Sunnyside Boulevard, Woodbury, NY 11797 (US).

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(72, 75) MINNE, Stephen, C. [US/US]; 4493 Vieja Drive, Santa Barbara, CA 93119 (US).  
CAVAZOS, Hector, B. [US/US]; P.O. Box 22746, Santa Barbara, CA 93121 (US).

(74) DURST, Jay, G.; Boyle Fredrickson Newholm Stein & Gratz, S.C., 250 East Wisconsin Avenue, Suite 1030, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2004/094939 (13) A1

(21) PCT/JP2003/005132

(22) 22 Apr/avr 2003 (22.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MAGNETIC PROBE

• SONDE MAGNÉTIQUE

(71) AZUMA SYSTEMS CO., LTD [JP/JP]; 1093, Oaza Menuma, Menumamachi, Osato-gun, Saitama 360-0201 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAKAWA, Kazuhiro [JP/JP]; 107, 2-36, Higashi 4-chome, Kounosu-shi, Saitama 365-0039 (JP).  
TABATA, Kazuaki [JP/JP]; 105, Little Hills 88, 3-4, Kodai 1-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0007 (JP).

(74) HIROSE, Tetsuo; Nakanishi Bldg. 5th Floor, 2-5-6, Nishikanda, Chiyoda-ku, Tokyo 101-0065 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01B 9/02, 11/00

(11) WO 2004/094940 (13) A1

(21) PCT/JP2004/005713

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-118359 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INTERFEROMETER SYSTEM, SIGNAL PROCESSING METHOD IN INTERFEROMETER SYSTEM, STAGE USING THE SIGNAL PROCESSING METHOD

• SYSTÈME D'INTERFEROMETRE, METHODE DE TRAITEMENT DE SIGNAL DANS UN SYSTÈME D'INTERFEROMETRE, ETAPE FAISANT APPEL A CETTE METHODE DE TRAITEMENT DE SIGNAL

(71) NIKON CORPORATION [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATAOKA, Yoshinori [JP/JP]; c/o Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01B 9/021

(11) WO 2004/094941 (13) A2

(21) PCT/US2004/012710

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/421,444 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TWO-WAVELENGTH SPATIAL-HETERODYNE HOLOGRAPHY

• HOLOGRAPHIE HETERODYNE SPATIALE ET A LONGUEUR D'ONDE DOUBLE

(71) UT-BATTELLE, LLC [US/US]; Oak Ridge National Laboratory, Bethel Valley Road, P.O. Box 2008, Oak Ridge, TN 37831-6255 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANSON, Gregory, R. [US/US]; 624 Offutt Road, Clinton, TN 37716 (US).  
BINGHAM, Philip, R. [US/US]; 2619 Blue Meadow Lane, Knoxville, TN 37932 (US).  
SIMPSON, John, T. [US/US]; 201 Lawton Blvd., Knoxville, TN 37922 (US).  
KARNOWSKI, Thomas, P. [US/US]; 8617 Nubbin Ridge Road, Knoxville, TN 37923 (US).  
VOELKL, Edgar [DE/US]; 3517 Grimes Ranch Road, Austin, TX 78732 (US).

(74) BRUCKNER, John, J.; 5708 Back Bay Lane, Austin, TX 78739-1723 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> G01B 9/021

(11) WO 2004/094942 (13) A2

(21) PCT/US2004/012798

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/421,444 23 Apr/avr 2003 US  
(23.04.2003)

(30) 06/272,003 27 Jun/juin 2003 US  
(27.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RECORDING MULTIPLE SPATIALLY-  
HETERODYNED DIRECT TO DIGITAL  
HOLOGRAMS IN ONE DIGITAL IM-  
AGE

• ENREGISTREMENT  
D'HOLOGRAMMES DIRECTS  
HETERODYNE DANS L'ESPACE EN  
HOLOGRAMMES NUMERIQUES EN  
UNE IMAGE NUMERIQUE

(71) UT-BATTELLE, LLC [US/US]; Oak Ridge  
National Laboratory, Bethel Valley Road, P.O.  
Box 2008, Oak Ridge, TN 37831-6255 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) HANSON, Gregory, R. [US/US]; 624  
Offutt Road, Clinton, TN 37716 (US).  
BINGHAM, Philip, R. [US/US]; 2619 Blue  
Meadow Lane, Knoxville, TN 37932 (US).

(74) BRUCKNER, John, J.; John Bruckner, P.C.,  
5708 Back Bay Lane, Austin, TX 78739-1723  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> G01B 11/00

(11) WO 2004/094943 (13) A1

(21) PCT/JP2003/016080

(22) 16 Dec/déc 2003 (16.12.2003)

(25) ja

(26) ja

(30) 2003-116631 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOTION CAPTURING METHOD, MO-  
TION CAPTURING DEVICE, AND MO-  
TION CAPTURING MARKER

• MARQUEUR POUR CAPTURER DES  
IMAGES

(71, 72) ARISAWA, Hiroshi [JP/JP]; 21-16, Mi-  
namikugahara 2-chome, Ohta-ku, Tokyo 146-  
0084 (JP).

(72, 75) SAKAKI, Kazunori [JP/JP]; Room  
2-105, Leoplace Nishiya, 898-6, Nishiy-  
acho, Hodogaya-ku, Yokohama-shi, Kana-  
gawa 240-0052 (JP).

(74) SHIONOIRI, Akio; Fujisawa-Central  
Bldg. 6F, 1-4, Kugenuma-Tachibana 1-chome,  
Fujisawa-shi, Kanagawa 251-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> G01B 11/00

(11) WO 2004/094944 (13) A1

(21) PCT/JP2003/005211

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR  
MEASURING DISTANCE

• PROCEDE ET APPAREIL DE MESURE  
D'UNE DISTANCE

(71, 72) TOMITA, Seijiro [JP/JP]; 13-5, Inogata  
3-chome, Komae-shi, Tokyo 201-0015 (JP).

(74) YAMAGUCHI, Tetsuo; 2F, Maruwa Bldg.,  
17-10, Toranomon 1-chome, Minato-ku,  
Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NO NZ OM PH PL PT RO  
RU SC SD SE SG SK SL TJ TM TN TR TT  
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01B 11/24, G06T 1/00, A41H 1/02,  
A61B 5/103

(11) WO 2004/094945 (13) A1

(21) PCT/JP2004/002622

(22) 3 Mar/mar 2004 (03.03.2004)

(25) ja (26) ja

(30) 2003-057418 4 Mar/mar 2003 JP  
(04.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE AND METHOD OF EX-  
TRACTING LANDMARKS

• DISPOSITIF ET PROCEDE POUR  
L'EXTRACTION DE REPERES

(71) NATIONAL INSTITUTE OF AD-  
VANCED INDUSTRIAL SCIENCE AND  
TECHNOLOGY [JP/JP]; 3-1, kasumigascki  
1-chome, Chiyoda-ku, Tokyo, 1008921 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MOCHIMARU, Masaaki [JP/JP]; C/o  
National Institute Of Advanced Industrial  
Science And Technology 41-6, aomi 2-chome  
Koto-ku Tokyo, 1350064 (JP). KOUCHI,  
Makiko [JP/JP]; C/o National Institute Of  
Advanced Industrial Science And Technol-  
ogy 41-6, aomi 2-chome Koto-ku Tokyo,  
1350064 (JP). FUKUI, Yukio [JP/JP];  
C/o National Institute Of Advanced Indus-  
trial Science And Technology 1-1, higashi  
1-chome Tsukuba-shi Ibaraki, 3058566 (JP).  
HIGUMA, Naoki [JP/JP]; 2-32-21, miirih-  
gashi Asakita-ku Hiroshima-shi Hiroshima,  
7310021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01B 11/26, G02B 27/62

(11) WO 2004/094946 (13) A1

(21) PCT/EP2004/004212

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 103 18 395.7 22 Apr/avr 2003 DE  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ARRANGEMENT AND METHOD FOR  
ADJUSTING AT LEAST ONE COMPO-  
NENT OF A LIGHT-GENERATING DE-  
VICE

• ENSEMBLE ET PROCEDE POUR RE-  
GLER AU MOINS UN ELEMENT D'UN  
DISPOSITIF ELECTROLUMINES-  
CENT

(71) HENTZE-LISSOTSCHENKO  
PATENTVERWALTUNGS GMBH &

CO. KG [DE/DE]; Dorfstrasse 12, 36419 Gerstengrund (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DARSHI, Maxim [RU/DE]; Bauerstrasse 25, 44309 Dortmund (DE).

(74) BASFELD, Rainer et al. / etc.; Ostentor 9, 59757 Arnsberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01B 15/00, H05B 6/00, B29C 67/00, B32B 31/00, 21/02, 21/10, 5/16, D21J 1/00

(11) WO 2004/094947 (13) A1

(21) PCT/US2004/008800

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/459,723 2 Apr/avr 2003 US (02.04.2003)

(30) 10/797,015 11 Mar/mar 2004 US (11.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SPECTROSCOPIC MONITORING OF RESIN-APPLICATION PRIOR TO ASSEMBLY OF COMPOSITE WOOD VENEER PRODUCT

• CONTROLE SPECTROSCOPIQUE D'APPLICATION DE RESINE AVANT ASSEMBLAGE D'UN PRODUIT DE PLACAGE EN BOIS COMPOSITE

(71, 72) MBACHU, Reginald, A. [US/US]; 475 28th Street, Springfield, OR 97477 (US).  
CONGLETON, Tyler, G. [US/US]; 475 28th Street, Springfield, OR 97477 (US).

(74) BAKER, Raymond, N. et al. / etc.; Shanley and Baker, 2233 Wisconsin Avenue, Suite 235, Washington, DC 20007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) de (26) de

(30) 103 18 149.0 21 Apr/avr 2003 DE (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PIANOFORTE INSTRUMENT COMPRISING ADDITIONAL DELIVERY OF ENERGY INTO THE SOUND BOARD, AND METHOD FOR INFLUENCING THE SOUND OF A PIANOFORTE INSTRUMENT

• PIANO-FORTE COMPORTANT UN DISPOSITIF D'AUGMENTATION DE L'ENERGIE APPLIQUEE A LA CAISSE DE RESONANCE ET PROCEDE DESTINE A INFLUENCER LE SON D'UN PIANO-FORTE

(71) WILHELM SCHIMMEL PIANOFORTEFABRIK GMBH [DE/DE]; Friedrich-Seele-Strasse 20, 38122 Braunschweig (DE).

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(74) EINSEL, Martin; Einsel & Kollegen, Jasperallee 1a, 38102 Braunschweig (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-116973 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INCLINATION AND ACCELERATION SENSOR AND YAW RATE SENSOR

• CAPTEUR D'INCLINAISON ET D'ACCELERATION ET CAPTEUR DE TAUX DE VITESSE ANGULAIRE DE LACET

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

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(74) SHIMIZU, Mamoru; Ohzono Bldg., 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/464,795 23 Apr/avr 2003 US (23.04.2003)

(30) 10/665,168 18 Sep/sep 2003 US (18.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PICKOFF SENSOR OBTAINING OF VALUE OF PARAMETER FROM SUBSTANTIALLY ZERO NET DAMPENING TORQUE LOCATION OF PENDULOUS SENSOR COMPONENT

• DETECTEUR D'ECART OBTENANT UNE VALEUR D'UN PARAMETRE A PARTIR D'UN EMBLACEMENT DE COUPLE D'AMORTISSEMENT NET SENSIBLEMENT NUL D'UN COMPOSANT DE DETECTEUR PENDULAIRE

(71) NORTHROP GRUMMAN CORPORATION [US/US]; 21240 Burbank Boulevard, Woodland Hills, CA 91367-6675 (US).

(71, 72) WYSE, Stanley, F. [US/US]; 4610 Alonzo Avenue, Encino, CA 91316 (US).

(74) BRILL, Robert, J. et al. / etc.; Patti & Brill, LLC, One North LaSalle Street, 44th Floor, Chicago, IL 60602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01C 19/56

(11) WO 2004/094951 (13) A1

(21) PCT/US2004/012496

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,722 23 Apr/avr 2003 US (23.04.2003)

(30) 10/666,683 18 Sep/sep 2003 US (18.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HINGE POSITION LOCATION THAT CAUSES PENDULOUS AXIS TO BE SUBSTANTIALLY PARALLEL WITH DRIVE COMPONENT DIRECTION OF AN ELECTROMECHANICAL SYSTEM  
• EMBLEMMENT D'UNE CHARNIERE RENDANT L'AXE PENDULAIRE SENSIBLEMENT PARALLELE A LA DIRECTION DU MOTEUR D'UN SYSTEME ELECTROMECHANIQUE

(71) NORTHROP GRUMMAN CORPORATION [US/US]; 21240 Burbank Boulevard, Woodland Hills, CA 91367-6675 (US).

(71, 72) STEWART, Robert, E. [US/US]; 21847 Ybarra Road, Woodland Hills, CA 91364 (US).

(74) BRILL, Robert, J. et al. / etc.; Patti & Brill, LLC, One North LaSalle Street, 44th Floor, Chicago, IL 60602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01C 19/66, H01S 3/083

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(21) PCT/EP2004/050349

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(25) fr (26) fr

(30) 03/03645 25 Mar/mar 2003 FR (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STABILISED SOLID-STATE LASER GYROSCOPE  
• GYROLASER A ETAT SOLIDE STABILISE

(71) THALES [FR/FR]; Thales, 45, rue de Villiers, F-92200 Neuilly-Sur-Seine (FR).  
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(72, 75) SCHWARTZ, Sylvain [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).  
FEUGNET, Gilles [FR/FR]; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).  
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(74) ESSELIN, Sophie et al. / etc.; Thales Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 18 891.6 17 Apr/avr 2003 DE (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DRIVING ROUTE PLANNING METHOD  
• PROCEDE DE PLANIFICATION D'ITINERAIRE

(71) ATX EUROPE GMBH [DE/DE]; Hansaallee 249, 40549 Düsseldorf (DE).  
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(72, 75) KÖTZ, Andreas [DE/DE]; Am Lennartzhof 7, 50996 Köln (DE).  
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(74) MEISSNER, Peter, E.; Meissner & Meissner, Hohenzollerndamm 89, 14199 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2004/094954 (13) A2

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(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/421,325 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AIRCRAFT VEHICULAR PROPULSION SYSTEM MONITORING DEVICE AND METHOD

• DISPOSITIF ET PROCEDE DE SURVEILLANCE DU SYSTEME DE PROPULSION POUR AERONEF

(71) LORD CORPORATION [US/US]; 111 Lord Drive, Cary, NC 27512-8012 (US).  
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(72) ALTIERI, Russell, E.; 129 Longbridge Drive, Cary, NC 27511 (US).  
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SOUTHWARD, Steve, C.; 4117 Winding Oak Way, Apex, NC 27539 (US).  
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(74) MURPHY, Edward, F., III; Lord Corporation, 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01D

(11) WO 2004/094955 (13) A2

(21) PCT/US2004/006084

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,948 19 Mar/mar 2003 US (19.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM FOR MEASURING AND INDICATING CHANGES IN THE RESISTANCE OF A LIVING BODY

• SYSTEME POUR MESURER ET INDICER DES VARIATIONS DE RESISTANCE D'UN CORPS VIVANT

(71) CHURCH OF SPIRITUAL TECHNOLOGY [US/US]; 419 N. Larchmont, Suite 86, Los Angeles, CA 90004 (US).  
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(71) STARKEY, Norman, F. (legal representative of the deceased inventor / représentante légale de l'inventeur décédé) [US/US]; 7051 Hollywood Boulevard, Los Angeles, CA 90028 (US).

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(72) LAFAYETTE, Ron (deceased / décédé).

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(72, 75) LILLEHAUGEN, Trent [US/US]; 900 Calle Plano, Suite "A", Camarillo, CA 93012 (US). TEMPLES, John [US/US]; 900 Calle Plano, Suite "A", Camarillo, CA 93012 (US).

(74) SELDON, Robert, A.; Birch, Stewart, Kolasch & Birch, LLP, Eighteenth Floor, 10940 Wilshire Blvd., Los Angeles, CA 90024-3952 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01D 5/14, 5/16, G01B 7/14, G01P 3/52, G12B 21/04, 21/22

(11) WO 2004/094956 (13) A1

(21) PCT/AU2004/000523

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 2003901914 22 Apr/avr 2003 AU (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • QUANTUM TUNNELLING TRANSDUCER DEVICE  
• TRANSDUCTEUR A TUNNELS QUANTIQUES

(71) QUANTUM PRECISION INSTRUMENTS PTY LTD [AU/AU]; 69 Alma Street, West Footscray, Victoria 3012 (AU).  
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(72, 75) MICHALEWICZ, Marek, Tadeusz [AU/AU]; 290 Racecourse Road, Flemington, Victoria 3031 (AU).

(74) FREEHILLS CARTER SMITH BEADLE; 101 Collins Street, Melbourne, VIC 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01D 5/347

(11) WO 2004/094957 (13) A1

(21) PCT/SE2004/000607

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0301164-0 22 Apr/avr 2003 SE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR ABSOLUTE OPTICAL ENCODERS WITH REDUCED SENSITIVITY TO SCALE OR DISK MOUNTING ERRORS  
• PROCEDE ET APPAREIL POUR CODEURS OPTIQUES ABSOLUS A SENSIBILITE REDUITE AUX ERREURS DE GRADUATION OU DE MONTAGE DE DISQUE

(71) TRIMBLE AB [SE/SE]; Box. 64, S-182 11 Danderyd (SE).

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(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01F

(11) WO 2004/094958 (13) A2

(21) PCT/US2004/011825

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,926 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF ESTIMATING AN AMOUNT OF AVAILABLE INK CONTAINED IN AN INK RESERVOIR  
• PROCEDE D'ESTIMATION D'UNE QUANTITE D'ENCRE DISPONIBLE CONTENUE DANS UN RESERVOIR D'ENCRE

(71) LEXMARK INTERNATIONAL, INC [US/US]; 740 West New Circle Road, Lexington, KY 40550 (US).

(72) ADKINS, Christopher, A.; 216 Pindell Ct., Lexington, KY 40515 (US). CAMPBELL, Michael, C.; 3034 Breckenwood Drive, Lexington, KY 40502 (US). CROLEY, Donald, F.; 157 Tree Top Court, Georgetown, KY 40324 (US). FAGAN, Mark, W.; 2008 Planters Court, Lexington, KY 40514 (US). JONES, Brian, T.; 2283 Harrods Pointe Trace, Lexington, KY 40514 (US). STRUNK, Timothy, L.; 4838 Wyndhurst Rd., Lexington, KY 40515 (US). GREER, David, E.; 2021 Parasol Drive, Lexington, KY 40513 (US).

(74) BARKER, Scott, N.; Lexmark International, Inc, 740 West New Circle Road, Lexington, KY 40550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01F

(11) WO 2004/094959 (13) A2

(21) PCT/US2004/012038

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/421,475 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHODS FOR REMOTE MONITORING OF FLOW CONDUITS  
• APPAREIL ET PROCEDES POUR CONTROLER A DISTANCE DES CONDUITES D'ECOULEMENT

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

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(72) ARONSTAM, Peter, S.; 5930 Solar Point Lane, Houston, TX 77041 (US). MORRISON, Colin; 3003 Memorial Court, # 1440, Houston, TX 77007 (US).

(74) RIDDLE, Albert, J. et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01F 1/66

(11) WO 2004/094960 (13) A2

(21) PCT/JP2004/005590

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 2003-115333 21 Apr/avr 2003 JP (21.04.2003)

(30) 2003-168911 13 Jun/juin 2003 JP (13.06.2003)

(30) 2003-271779 8 Jul/juil 2003 JP (08.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ULTRASONIC APPARATUS AND METHOD FOR MEASURING THE CONCENTRATION AND FLOW RATE OF GAS

• APPAREIL ET PROCEDE ULTRASO-NOIRES DE MESURE DE LA CONCEN-TRATION ET DU DEBIT D'UN GAS

(71) TEIJIN PHARMA LIMITED [JP/JP]; 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 1008585 (JP).

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(74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 1058423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01F 1/688, G01P 5/10, G01F 1/704, G01K 11/32

(11) WO 2004/094961 (13) A1

(21) PCT/GB2004/001223

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 0309233.5 23 Apr/avr 2003 GB (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLUID FLOW MEASUREMENT USING OPTICAL FIBRES

• MESURE D'ECOULEMENT DE FLUIDE UTILISANT DES FIBRES OPTIQUES

(71) SENSOR HIGHWAY LIMITED [GB/GB]; 8th Floor, South Quay Plaza II, 183 Marsh Wall, London E14 9SH (GB).

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(72, 75) RAMOS, Rogerio, T. [GB/GB]; 14 Tenby Drive, Chandlers Ford, Hampshire SO53 4NL (GB).

(74) KANAK, Wayne, I.; Gamma House, Enterprise Road, Chilworth Science Park, Southampton SO16 7NS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01F 1/708, 1/68, G01P 5/18

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(21) PCT/JP2004/005521

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

(30) 2003-120574 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND DEVICE FOR DETECTING CURRENT VELOCITY

• PROCEDE ET DISPOSITIF DE DETECTION DE VITESSE DE COURANT

(71) NAGANO KEN [JP/JP]; 692-2, Aza-Habashita, Ooaza-Minaminagano, Nagano-shi, Nagano, 3808570 (JP). DAIKEN MEDICAL CO. LTD. [JP/JP]; 6-6, Funakoshi-cho 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400036 (JP).

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(72, 75) OGUCHI, Keigo [JP/JP]; 16-2, Ari-gasaki 6-chome, Matsumoto-shi, Nagano, 3900861 (JP). YAMADA, Masayuki [JP/JP]; 4-3-17, Seijyo, Setagaya-ku, Tokyo, 1570066 (JP). ODA, Kenji [JP/JP]; 3-8, Kitasakurazuka 3-chome, Toyonaka-shi, Osaka, 5600022 (JP). AIDA, Koichi [JP/JP]; 2-1-5-205, Fuseya-cho, Izumi-shi, Osaka, 5940031 (JP).

(74) YASUDA, Toshio; YASUDA & OKAMOTO, 7 & 6th Floor, Shori Building, 7-19, Takaida-hondori 7-chome, Higashi-Osaka-shi, Osaka, 5770066 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01F 23/00

(11) WO 2004/094963 (13) A2

(21) PCT/GB2004/001611

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 0308787.1 16 Apr/avr 2003 GB (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLUID DETECTING MEANS

• MOYENS DE DETECTION DE FLUIDES

(71) MARTEK MARINE LTD [GB/GB]; Century Business Park, Manvers Way, Manvers, Rotherham, South Yorkshire S63 5DA (GB).

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(72, 75) LUEN, Paul, Brian [GB/GB]; 44 Spindlewood, Elloughton, Brough HU15 1LL (GB).

(74) HOUGHTON, David et al. / etc.; Hulse & Co., St. James House, 8th floor, Vicar Lane, Sheffield S1 2EX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01F 23/296, G01N 9/00, B06B 1/06

(11) WO 2004/094964 (13) A1

(21) PCT/EP2004/004183

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 10318705.7 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR DETERMINING AND/OR MONITORING AT LEAST ONE PHYSICAL OR CHEMICAL PROCESS VARIABLE OF A MEDIUM IN A CONTAINER

• DISPOSITIF POUR DETERMINER ET/OU CONTROLER AU MOINS UNE GRANDEUR DE PROCESSUS PHYSIQUE OU CHIMIQUE D'UN FLUIDE A L'INTERIEUR D'UN CONTENANT



(71) **ENDRESS+HAUSER GMBH+CO. KG** [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).

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(72, 75) **LOPATIN, Sergej** [RU/DE]; Pestalozzistrasse 51, 79540 Lörrach (DE).  
**PFEIFFER, Helmut** [DE/DE]; Kichstrasse 26/5, 79585 Steinen (DE).

(74) **HAHN, Christian**; Endress + Hauser (DE) Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01H

(11) **WO 2004/094965** (13) A2

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(22) **26 Feb/fév 2004 (26.02.2004)**

(25) en (26) en

(30) 10/397,556 **26 Mar/mar 2003 US (26.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOISE-SHAPERS AND FILTERS WITH NOISE SHAPING QUANTIZERS AND SYSTEMS AND METHODS USING THE SAME

• METTEUR EN FORME DE BRUITS, FILTRES POURVUS DE QUANTIFICATEUR METTANT EN FORME LES BRUITS, ET SYSTEMES ET PROCÉDES LES UTILISANT

(71) **CIRRUS LOGIC, INC.** [US/US]; Legal Department, 2901 Via Fortuna, Austin, TX 78746 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MELANSON, John, Laurence** [US/US]; 901 West 9th Street, Apt. 201, Austin, TX 78703 (US).

(74) **MURPHY, James, J. et al.** / etc.; 1700 Pacific Ave., Suite 3300, Dallas, TX 75201-4693 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G01J

(11) **WO 2004/094966** (13) A2

(21) PCT/US2004/011467

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 10/417,066 **16 Apr/avr 2003 US (16.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND SYSTEMS FOR STATIC MULTIMODE MULTIPLEX SPECTROSCOPY

• PROCÉDES ET SYSTEMES POUR LA SPECTROSCOPIE MULTIPLEXE MULTIMODE STATIQUE

(71) **DUKE UNIVERSITY** [US/US]; Office of Science and Technology, P.O. Box 90083, Durham, NC 27708 (US).

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(72, 75) **BRADY, David, J.** [US/US]; 2801 Dogwood Road, Durham, NC 27705 (US).  
**SULLIVAN, Michael, E.** [US/US]; 10600 Baden Place, Raleigh, NC 27613 (US).

(74) **HUNT, Gregory, A.**; Jenkins, Wilson & Taylor, P.A., Suite 1400 University Tower, 3100 Tower Boulevard, Durham, NC 27713 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01J

(11) **WO 2004/094967** (13) A2

(21) PCT/US2004/008895

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/459,559 **1 Apr/avr 2003 US (01.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITION AND METHOD FOR 3-DIMENSIONAL MAPPING OR RADIATION DOSE

• COMPOSITION ET PROCÉDE DESTINÉES A UNE CARTOGRAPHIE 3-DIMENSIONNELLE OU UNE DOSE DE RAYONNEMENT

(71) **ISP INVESTMENTS, INC.** [US/US]; 300 Delaware Avenue, Wilmington, DE 19801 (US).

(72) **ANYUMBA, Janette**; 93B Traphagen Road, Wayne, NJ 07470 (US).  
**LEWIS, David, F.**; 54 Benedict Road, Monroe, CT 06468 (US).  
**SHIH, Hsiao-Yi**; 10 Windemere Court, Whippany, NJ 07981 (US).  
**YU, Xiang**; 15 Andover Avenue, Bridgewater, NJ 08807 (US).

(74) **MAUE, Marilyn, J. et al.** / etc.; International Specialty Products, Legal Department, 1361 Alps Road, Wayne, NJ 07470 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01J 3/457

(11) **WO 2004/094968** (13) A1

(21) PCT/EP2004/004048

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) de (26) de

(30) 103 19 560.2 **24 Apr/avr 2003 DE (24.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOBILE REMOTE DETECTION DEVICE AND REMOTE DETECTION METHOD FOR METHANE ACCUMULATIONS

• SYSTEME MOBILE DE DETECTION A DISTANCE ET PROCÉDE DE DETECTION A DISTANCE D'AMAS DE METHANE

(71) **DEUTSCHES ZENTRUM FÜR LUFT- UND RAUMFAHRT E.V.** [DE/DE]; 53175 Bonn (DE).

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(72, 75) **KLINGENBERG, Hans, H.** [DE/DE]; Mathildenstrasse 45, 72072 Tübingen (DE).  
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(74) REGELMANN, Thomas; Hoeger, Stellrecht & Partner, Uhlandstrasse 14c, 70182 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01J 5/20, 3/51, G01N 21/78, H01L 27/146

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(21) PCT/US2004/010510

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/421,477 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INTEGRATED SPECTROSCOPIC MICROBOLOMETRE WITH MICROFILTER ARRAYS  
• MICROBOLOMETRE SPECTROSCOPIQUE INTEGRE DOTE DE RESEAUX DE MICROFILTRÉS

(71) RAYTHEON COMPANY [US/US]; 870 Winter Street, Waltham, MA 02451 (US).

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(74) MILLS, Jerry, W.; Baker Botts LLP, 2001 Ross Avenue, Suite 600, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01K

(11) WO 2004/094970 (13) A2

(21) PCT/JP2004/005673

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-116594 22 Apr/avr 2003 JP (22.04.2003)

(30) 2003-154711 30 May/mai 2003 JP (30.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND DEVICE FOR MEASURING BODY TEMPERATURE

• PROCEDE ET DISPOSITIF DE MESURE DE LA TEMPERATURE CORPORELLE

(71) SAKANO, Kazuhito [JP/JP]; 42, Kamisyomachi, Toyama-shi, Toyama 9300826 (JP). (for all designated States except / pour tous les États désignés sauf US)

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(74) KAIGUCHI, Muneaki; Shibuya IBIS BLDG., 17-3, Shibuya 2-chome, Shibuya-ku, Tokyo 1500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01K 5/36

(11) WO 2004/094971 (13) A1

(21) PCT/US2004/004484

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 10/400,330 27 Mar/mar 2003 US (27.03.2003)

(30) 10/647,926 26 Aug/août 2003 US (26.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TEMPERATURE MEASUREMENT DEVICE

• DISPOSITIF THERMOMETRIQUE

(71) DRESSER, INC. [US/US]; 11th Floor, Millennium 1, 15455 Dallas Parkway, Addison, TX 75001 (US).

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BAILEY, John, H. [US/US]; 56 Richard Blvd, Shelton, CT 06484 (US).

(74) RIPPAMONTI, Russell, N.; Fish & Richardson P.C., 5000 Bank One Center, 1717 Main Street, Dallas, TX 75201-4605 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01K 11/32

(11) WO 2004/094972 (13) A1

(21) PCT/GB2004/001355

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0309347.3 24 Apr/avr 2003 GB (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISTRIBUTED OPTICAL FIBRE MEASUREMENTS

• MESURES DISTRIBUEES DE FIBRE OPTIQUE

(71) SENSOR HIGHWAY LIMITED [GB/GB]; 8th Floor, South Quay Plaza, 183 Marsh Wall, London E14 9SH (GB).

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(72, 75) HARTOG, Arthur, H. [CA/GB]; 31 Butterfield Road, Southampton SO16 7EQ (GB).

(74) KANAK, Wayne, I.; Gamma House, Enterprise Road, Chilworth Science Park, Southampton SO16 7NS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01L

(11) WO 2004/094973 (13) A2

(21) PCT/US2004/011963

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,160 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHOD FOR DETERMINING SUPERFICIAL RESIDUAL STRESS AS APPLIED TO MACHINED, MECHANICALLY OR THERMALLY PROCESSED SURFACES
- PROCEDE PERMETTANT DE DETERMINER LA CONTRAINTE SUPERFICIELLE RESIDUELLE APPLIQUEE A DES SURFACES USINEES ET TRAITES MECANIQUEMENT OU THERMIQUEMENT
- (71) MISSISSIPPI STATE UNIVERSITY [US/US]; 403 Bost, Extension Drive, Mississippi State, MS 39762 (US).
- (72) BERRY, John, T.; 25 Rolling Fork, Columbus, MS 39705 (US). WYATT, John, E.; 33 Bulldog Circle, Mississippi State, MS 39762 (US).
- (74) KELBER, Steven, B. et al. / etc.; Piper Rudnick LLP, 1200 Nineteenth Street, N.W., Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01L 9/00, 19/14
- (11) WO 2004/094975 (13) A1
- (21) PCT/US2004/008142
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) en (26) en
- (30) 60/461,968 10 Apr/avr 2003 US (10.04.2003)
- (30) 10/696,126 29 Oct/oct 2003 US (29.10.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF AND APPARATUS FOR MEASURING A PARAMETER OF PROCESS MEDIA INCLUDING A LIQUIDLESS SEAL CONNECTION
- PROCEDE ET APPAREIL POUR MESURER UN PARAMETRE DE FLUIDES DE PROCESSUS A RACCORD A JOINT SANS LIQUIDE
- (71) DRESSER, INC. [US/US]; 11th Floor, Millennium I, 15455 Dallas Parkway, Addison, TX 75001 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHERMAN, David, L. [US/US]; 869 N. Madison Road, Gilford, CT 06437 (US). BESSETTE, Tyler, J. [US/US]; 22-D Seabreeze Avenue, Milford, CT 06460 (US).
- (74) RIPPAMONTI, Russell, N.; Fish & Richardson P.C., 5000 Bank One Center, 1717 Main Street, Dallas, TX 75201-4605 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G01L 9/00, 7/04, 19/08
- (11) WO 2004/094974 (13) A1
- (21) PCT/US2004/004543
- (22) 12 Feb/fév 2004 (12.02.2004)
- (25) en (26) en
- (30) 10/400,330 27 Mar/mar 2003 US (27.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PRESSURE GAUGE HAVING A PLATE FOR MECHANICALLY ACTUATING A POINTER AND COMPONENTS OF AN INDUCTIVE SENSOR
- MANOMETRE AYANT UNE PLAQUE D'ACTIONNEMENT MECANIQUE D'UN POINTEUR ET DES COMPOSANTS D'UN CAPTEUR INDUCTIF
- (71) DRESSER, INC. [US/US]; 11th floor, Millennium I, 15455 Dallas Parkway, Addison, TX 75001 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FERGUSON, Walter, J. [US/US]; 88 Avalon Circle, Waterbury, CT 06710 (US).
- (74) RIPPAMONTI, Russell, N.; Fish & Richardson P.C., 5000 Bank One Center, 1717 Main Street, Dallas, TX 75201-4605 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G01L 19/02, 19/04, 19/06, 13/02, E21B 47/06, 47/04, G01F 1/36
- (11) WO 2004/094976 (13) A1
- (21) PCT/US2003/012561
- (22) 22 Apr/avr 2003 (22.04.2003)
- (25) en (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • APPARATUS TO MEASURE DIFFERENTIAL PRESSURE WITH SETTABLE PRESSURE REFERENCE
- APPAREIL POUR MESURER LA PRESSION DIFFERENTIELLE A L'AIDE D'UNE REFERENCE DE PRESSION REGLABLE
- (71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) MALLISON, Edgar, Robert; 15808 Post Road, Wayzata, MN 55391 (US). STRATTION, Thomas, George; 3000 Sandy Hook Drive, Roseville, MN 55113 (US).
- (74) CRISS, Roger, H. et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G01M
- (11) WO 2004/094977 (13) A2
- (21) PCT/US2004/011564
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 10/417,883 16 Apr/avr 2003 US (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DETECTION, RESOLUTION, AND IDENTIFICATION OF ARRAYED ELEMENTS
- DETECTION, RESOLUTION ET IDENTIFICATION D'ELEMENTS EN RESEAU
- (71) THERMO BIOSTAR, INC. [US/US]; 331 South 104th Street, Louisville, CO 80027 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) REA, Larry [US/US]; 759 Crystal Circle, Lafayette, CO 80026 (US). CLARK, David, D. [US/US]; 3413 Boxelder Drive, Longmont, CO 80503 (US). JENISON, Rob [US/US]; 1311 Oakleaf Circle, Boulder, CO 80304 (US). MAUL, Diana [US/US]; 1971 West 101 Court, Thornton, CO 80260 (US).
- (74) WARBURG, Richard, J. et al. / etc.; Foley & Lardner L.L.P., 11250 El Camino Real, Suite 200, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01M 3/00

(11) WO 2004/094978 (13) A2

(21) PCT/FR2004/000924

(22) 15 Apr/avr 2004 (15.04.2004)

(25) fr (26) fr

(30) 03/04740 16 Apr/avr 2003 FR  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR THE DETECTION OF  
LOW-FLOW LEAKS  
• DISPOSITIF DE DÉTECTION DE  
FUITES DE FAIBLES DÉBITS

(71, 72) MABELLY, André [FR/FR]; 58, rue  
Pierre Quemener, F-93150 Le Blanc Mesnil  
(FR).

(74) GRYNWALD, Albert; Cabinet Grynwald,  
127 rue du Faubourg Poissonnière, F-75009  
Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01M 3/02

(11) WO 2004/094979 (13) A1

(21) PCT/US2004/012533

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/419,501 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • QUICK BET METHOD AND APPARA-  
TUS FOR DETERMINING SURFACE  
AREA AND PORE DISTRIBUTION OF  
A SAMPLE

• PROCEDE RAPIDE DU TYPE BET ET  
APPAREIL POUR DETERMINER LA  
SURFACE ET LA REPARTITION DES  
PORES D'UN ECHANTILLON

(71) POROUS MATERIALS, INC. [US/US]; 20  
Dutch Mill Road, Ithaca, NY 14850 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) GUPTA, krishna [US/US]; 12 Grand-  
view Drive, Ithaca, NY 14850 (US). JENA,  
Akshaya [US/US]; 24F Gaslight Village  
Apt., Ithaca, NY 14850 (US). WEBBER,  
Ronald [US/US]; 3 Hillcrest Drive, Dry-  
den, NY 13053 (US). VENKATARAMAN,

Chandrashekar [IN/US]; 2513 kilpeck  
Drive, Richmond, VA 23294 (US).

(74) VAN LEEUWEN, Meghan et al. / etc.;  
Brown & Michaels, PC, 400 M & T Bank  
Building, 118 North Tioga Street, Ithaca, NY  
14850 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> G01M 11/00

(11) WO 2004/094980 (13) A2

(21) PCT/IB2004/050491

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03101131.5 24 Apr/avr 2003 EP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PEER TO PEER TRANSFER OF CON-  
TENT

• TRANSFERT DE CONTENU DE PAIR A  
PAIR

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) FONTIJN, Wilhelmus, F., J. [NL/NL];  
c/o Prof. Holstlaan 6, NL-5656 AA Eind-  
hoven (NL). LAMBERT, Nicolaas [NL/NL];  
c/o Prof. Holstlaan 6, NL-5656 AA Eind-  
hoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof.  
Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> G01M 11/00, G01J 9/02, G01B 11/00,  
G11B 7/22

(11) WO 2004/094981 (13) A1

(21) PCT/JP2003/014593

(22) 17 Nov/nov 2003 (17.11.2003)

(25) ja (26) ja

(30) 2003-115359 21 Apr/avr 2003 JP  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIGHT WAVEFRONT MEASURING  
INSTRUMENT, LIGHT WAVEFRONT  
MEASURING METHOD, AND LIGHT  
SOURCE ADJUSTING METHOD

• INSTRUMENT POUR MESURER UNE  
FRONDE D'ONDE LUMINEUSE,  
PROCEDE POUR MESURER LA-  
DITE FRONDE D'ONDE LUMINEUSE  
ET PROCEDE POUR REGLER LA  
SOURCE LUMINEUSE

(71) MITSUBISHI DENKI KABUSHIKI  
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,  
Chiyoda-ku, Tokyo 100-8310 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) TAKESHITA, Nobuo [JP/JP]; c/o  
Mitsubishi Denki Kabushiki Kaisha, 2-3,  
Marunouchi 2-chome, Chiyoda-ku, Tokyo  
100-8310 (JP). FUJITA, Teruo [JP/JP]; c/o  
Mitsubishi Denki Kabushiki Kaisha, 2-3,  
Marunouchi 2-chome, Chiyoda-ku, Tokyo  
100-8310 (JP). MATOZAKI, Toshiya  
[JP/JP]; c/o Mitsubishi Denki Kabushiki  
Kaisha, 2-3, Marunouchi 2-chome, Chiy-  
oda-ku, Tokyo 100-8310 (JP). TADOKORO,  
Michihiro [JP/JP]; c/o Mitsubishi Denki  
Kabushiki Kaisha, 2-3, Marunouchi 2-chome,  
Chiyoda-ku, Tokyo 100-8310 (JP).

(74) MAEDA, Minoru et al. / etc.; MAEDA &  
ASSOCIATES, Koda Bldg. 4F, 16-2, Yoyogi  
2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) CN KR US.

(51)<sup>7</sup> G01M 11/00

(11) WO 2004/094982 (13) A1

(21) PCT/US2004/011675

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/417,742 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SINGLE SWEEP MEASUREMENT OF  
MULTIPLE OPTICAL CHARACTERIS-  
TICS

• MESURE A BALAYAGE UNIQUE DE  
PLUSIEURS CARACTERISTIQUES  
OPTIQUES

(71) THORLABS, INC. [US/US]; 435 Route 206  
North, Newton, NJ 07860 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) **ANDERSON, Duwayne, R.** [US/US]; 34190 Hankey Road, St. Helens, OR 97051 (US).

(74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N. W., Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01M 11/02

(11) WO 2004/094983 (13) A1

(21) PCT/JP2004/005758

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-119861 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL CHARACTERISTIC MEASURING INSTRUMENT AND METHOD, PROGRAM, AND RECORD MEDIUM ON WHICH THE PROGRAM IS RECORDED

• PROCEDE ET INSTRUMENT DE MESURE DE CARACTERISTIQUE OPTIQUE, PROGRAMME ET SUPPORT D'ENREGISTREMENT SUR LEQUEL LE PROGRAMME EST ENREGISTRE

(71) **ADVANTEST CORPORATION** [JP/JP]; 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NISIKAWA, Kenzi** [JP/JP]; c/o ADVANTEST Corporation, 32-1, Asahi-cho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).

(74) **HOSODA, Masutoshi**; Akasaka Twin Tower Main Tower 11F, 17-22, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01M 15/00

(11) WO 2004/094984 (13) A1

(21) PCT/US2004/000268

(22) 8 Jan/jan 2004 (08.01.2004)

(25) en (26) en

(30) 10/397,289 27 Mar/mar 2003 US (27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NON-INTRUSIVE METHOD OF MEASURING ENGINE OPERATING PARAMETERS

• PROCEDE NON INTRUSIF POUR MESURER DES PARAMETRES DE FONCTIONNEMENT DE MOTEUR

(71) **SNAP-ON TECHNOLOGIES, INC.** [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WELCH, William** [US/US]; 1879 Senter Road, San Jose, CA 95112 (US).

(74) **BECKER, Stephen, A.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N

(11) WO 2004/094985 (13) A2

(21) PCT/US2004/011063

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 60/464,665 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SPIRAL COLUMN FOR DUAL COUNTERCURRENT CHROMATOGRAPHY

• COLONNE HELICOIDALE DESTINEE A UNE CHROMATOGRAPHIE DOUBLE A CONTRE-COURANT

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; National Institutes of Health, Office of Technology Transfer, 6011 Executive Blvd., Suite 325, Rockville, MD 20852 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ITO, Yoichiro** [US/US]; 6003 Melvern Drive, Bethesda, MD 20817 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson And Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01N

(11) WO 2004/094986 (13) A2

(21) PCT/US2004/011900

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,047 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR ELECTROCHEMICAL DETECTION OF BIOLOGICAL COMPOUNDS

• SYSTEME ET PROCEDE DE DETECTION ELECTROCHIMIQUE DE COMPOSES BIOLOGIQUES

(63) US 60/463,047 (CON) 16 Apr/avr 2003 (16.04.2003)

(71) **HANDYLAB, INC.** [US/US]; 3985 Research Park Drive, Suite 100, Ann Arbor, MI 48108 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALTHAUS, John, S.** [US/US]; 3053 Burr Stone Court, Saline, MI 48176 (US).

**KYONGHOON, Lee** [KR/US]; 215 Lake Village Drive, Apt. 104, Ann Arbor, MI 48103 (US). **NAMASIVAYAM, Vijay** [IN/US]; 3073 Signature Boulevard, Apt. F, Ann Arbor, MI 48103 (US). **BRAHMASANDRA, Sundaresh, N.** [IN/US]; 458 Waymarket Drive, Ann Arbor, MI 48103 (US). **HANDIQUE, Kalyan** [IN/US]; 120 Lake Village Drive, Apt. 104, Ann Arbor, MI 48103 (US).

(74) **FISTER, Julius, C., III**; Fish & Richardson P.C., 1425 K Street, NW, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (51)<sup>7</sup> G01N  
(11) WO 2004/094987 (13) A2  
(21) PCT/US2004/011917  
(22) 13 Apr/avr 2004 (13.04.2004)  
(25) en (26) en  
(30) 60/463,737 18 Apr/avr 2003 US  
(18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • KIT FOR DETECTING ENDOTOXIN IN  
AQUEOUS SOLUTIONS  
• TROUSSE POUR LA DETECTION  
D'ENDOTOXINES DANS DES SOLU-  
TIONS AQUEUSES  
(71) ASSOCIATES OF CAPE COD, INC.  
[US/US]; 704 Main Street, Falmouth, Mass-  
achusetts 02540 (US).  
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les États désignés sauf US)  
(72, 75) NOVITSKY, Thomas J. [US/US]; 24  
Perch Pond Circle, East Falmouth, Mass-  
achusetts 02536 (US). RIDGE, Richard  
J. [US/US]; 80 Burnham Drive, Falmouth,  
Massachusetts 02540 (US). CASTRO, Car-  
los A. [US/US]; 656 Putnam Avenue, Cotuit,  
Massachusetts 02635 (US).  
(74) LOWRIE, LANDO & ANASTASI, LLP;  
One Main Street, Cambridge, Massachusetts  
02142 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
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(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Declaration / Déclaration :  
(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
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TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
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ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
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GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)
- (51)<sup>7</sup> G01N  
(11) WO 2004/094988 (13) A2  
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(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 10/419,039 18 Apr/avr 2003 US  
(18.04.2003)  
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(05.12.2003)  
(30) 10/749,119 30 Dec/déc 2003 US  
(30.12.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • TOLERANCE TO GRAFT PRIOR TO  
THYMIC REGENERATION  
• TOLERANCE A IMPLANT AVANT LA  
REGENERATION THYMIQUE  
(71) NORWOOD IMMUNOLOGY, LTD.  
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les États désignés sauf US)  
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ton, 3188 Victoria (AU).  
(74) KERNER, Ann-Louise, Ph.D. et al. / etc.;  
Hale and Dorr LLP, 60 State Street, Boston,  
MA 02109 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
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DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
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(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (51)<sup>7</sup> G01N  
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(21) PCT/US2004/012062  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 60/464,902 22 Apr/avr 2003 US  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHODS OF HOST CELL PROTEIN  
ANALYSIS  
• METHODES D'ANALYSE DE PRO-  
TEINES DE CELLULE HOTE  
(71) CIPHERGEN BIOSYSTEMS, INC.  
[US/US]; 6611 Dumbarton Circle, Fre-  
mont, CA 94555 (US).  
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les États désignés sauf US)  
(72, 75) ALLIOUX, Catherine [FR/FR]; 29  
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78 rue Damremont, F-75018 PARIS (FR).  
SPENCER, James [US/US]; 2104 Garfield  
Court, Frederick, MD 21702 (US).  
(74) SAPPENFIELD, Christopher, C. et al. /  
etc.; Quine Intellectual Property Law Group,  
P.C., P.O. Box 458, Alameda, CA 94501 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
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VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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MC NL PL PT RO SE SI SK TR); OA (BF BJ  
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SN TD TG).
- (51)<sup>7</sup> G01N  
(11) WO 2004/094990 (13) A2  
(21) PCT/US2004/012361  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 60/320,131 22 Apr/avr 2003 US  
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(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • VOLUMETRIC CONTROL APPARA-  
TUS FOR FLUID DISPENSING  
• APPAREIL DE COMMANDE VOLU-  
METRIQUE POUR UNE DISTRIBU-  
TION DE FLUIDE  
(71) UNIVERSITY OF SOUTH FLORIDA  
[US/US]; 4202 East Fowler Avenue FAO  
126, Tampa, FL 33620-7900 (US).  
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les États désignés sauf US)  
(72, 75) BEACHY, Timothy, C. [US/US]; 3806  
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2546 (US).  
(74) HOPEN, Anton, J.; Smith & Hopen, P.A.,  
15950 Bay Vista Drive, Suite 220, Clearwater,  
FL 33760 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
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PG PH PL PT RO RU SC SD SE SG SK SL  
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VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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MC NL PL PT RO SE SI SK TR); OA (BF BJ  
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SN TD TG).
- (51)<sup>7</sup> G01N  
(11) WO 2004/094991 (13) A2  
(21) PCT/US2004/012663  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en  
(30) 60/464,645 23 Apr/avr 2003 US  
(23.04.2003)

(30) 60/470,420 **15 May/mai 2003** US  
(15.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TREATMENT OR PREVENTION OF RESPIRATORY VIRAL INFECTIONS WITH ALPHA THYMOSIN PEPTIDES  
• TRAITEMENT OU PREVENTION D'INFECTIONS VIRALES RESPIRATOIRES AU MOYEN DE PEPTIDES DE THYMOSINE ALPHA

(71) SCICLONE PHARMACEUTICALS, INC. [US/US]; 901 Mariner's Island Blvd., Suite 205, San Mateo, CA 94404 (US).  
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(74) REPPER, George, R. et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 1425 K Street, N.W., Suite 800, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N  
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(21) PCT/US2004/012688

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/465,152 **23 Apr/avr 2003** US  
(23.04.2003)

(30) 60/539,447 **26 Jan/jan 2004** US  
(26.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS FOR ANALYSIS OF BIOLOGICAL DATASET PROFILES  
• PROCÉDES SERVANT A L'ANALYSE DE PROFILS D'ENSEMBLES DE DONNEES BIOLOGIQUES

(71) BIOSEEK, INC. [US/US]; 863-C Mitten Road, Burlingame, CA 94010 (US).  
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(72, 75) HYTOPOULOS, Evangelos [GR/US]; 605 South Humboldt Street, San Mateo, CA 94010 (US).

(74) SHERWOOD, Pamela, J.; Bozicevic, Field & Francis LLP, 1900 University Avenue, Suite 200, East Palo Alto, CA 94303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N  
(11) WO 2004/094993 (13) A2

(21) PCT/US2004/006088

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/455,853 **20 Mar/mar 2003** US  
(20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SAMPLE MOUNTS FOR MICROCRYSTAL CRYSTALLOGRAPHY  
• SUPPORTS D'ECHANTILLONS POUR CRISTALLOGRAPHIE MICROCRISTALLINE

(71) CORNELL RESEARCH FOUNDATION, INC. [US/US]; 20 Thornwood Drive, Suite 105, Ithaca, NY 14850 (US).  
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(72, 75) THORNE, Robert, E. [CA/US]; 700 Warren Road, Apt. 24-2D, Ithaca, NY 14850 (US). STUM, Zachary [US/US]; 1262 Alma Lane, Mechanicsburg, PA 17055 (US). O'NEILL, Kevin [US/NL]; Waterloostraat 125B, NL-3062 TK Rotterdam (NL). KMETKO, Jan [SK/US]; 100 Graham Road, Apt. 9D, Ithaca, NY 14850 (US).

(74) BLAKE, William, A. et al. / etc.; Jones, Tullar & Cooper, P.C., P.O. Box 2266 Eads Station, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N  
(11) WO 2004/094994 (13) A2

(21) PCT/US2004/006918

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 10/421,677 **21 Apr/avr 2003** US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MICROFLUIDIC DEVICES AND METHODS

• DISPOSITIFS MICROFLUIDIQUES ET PROCÉDES

(71) PREDICANT BIOSCIENCES, INC. [US/US]; 201 Gateway Boulevard, South San Francisco, California 94080 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) HELLER, Jonathan [US/US]; 512 Connecticut Street, San Francisco, California 94107 (US). STULTS, John [US/US]; 840 Seminole Way, Redwood City, California 94062 (US). SRINIVASAN, Uthara [US/US]; 4151-B El Camino Way, Palo Alto, California 94306 (US). BOUSSE, Luc [BE/US]; 1050 Rilma Lane, Los Altos, California 94022 (US). ZHAO, Mingqi [CN/US]; 10290 North Foothill Boulevard, #B3, Cupertino, California 95014 (US). NI, Jing [CN/US]; 1063 Morse Avenue, Apt. 10-307, Sunnyvale, California 94089 (US).

(74) SMITH, Scott, M. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, California 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N  
(11) WO 2004/094995 (13) A2

(21) PCT/US2004/007437

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/404,907 **31 Mar/mar 2003** US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIERARCHICAL EVALUATION OF CELLS  
• EVALUATION HIERARCHIQUE DE CELLULES

(71) MENTOR GRAPHICS CORP. [US/US]; 8005 SW Boeckman Road, Wilsonville, OR 97070-7777 (US).  
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(74) MCKEE, Christopher, L.; Banner & Witcoff, Ltd., 1001 G. Street, N.W., 11th Floor, Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC  
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- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (21) PCT/US2004/007697
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/402,138 31 Mar/mar 2003 US  
(31.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR DE-  
TERMINING DIFFERENTIAL PRO-  
TEIN EXPRESSION, DIAGNOSTIC  
BIOMARKER DISCOVERY SYSTEM  
AND METHOD OF USING THE SAME,  
AND PROTEIN BIOMARKERS AND  
THERAPEUTIC AND DIAGNOSTIC  
USES THEREOF
- SYSTEME ET TECHNIQUE DE DE-  
TERMINATION D'EXPRESSION DE  
PROTEINE DIFFERENTIELLE, SYS-  
TEME DE DECOUVERTE DE BIO-  
MARQUEUR DE DIAGNOSTIC ET  
TECHNIQUE D'UTILISATION DE CE  
SYSTEME ET BIOMARQUEUR DE  
PROTEINE ET UTILISATION THERA-  
PEUTIQUE ET DIAGNOSTIQUE DE  
CEUX-CI
- (63) US 10/402,138 (CON)  
31 Mar/mar 2003 (31.03.2003)  
US 09/902,786 (CIP)  
12 Jul/juil 2001 (12.07.2001)
- (71) DUKE UNIVERSITY [US/US]; Erwin  
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les États désignés sauf US)*
- (72, 75) PATZ, Edward, F., Jr. [US/US]; 112  
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- (74) MCPHAIL, Donald, R. et al. / etc.; Fleshner  
& Kim, LLP, P.O. Box 221200, Chantilly, VA  
20153-1200 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
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GM HR HU ID IL IN IS JP KE KG KP KR  
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/ brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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SN TD TG).
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- (11) WO 2004/094997 (13) A2
- (21) PCT/US2004/008517
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/408,835 3 Apr/avr 2003 US  
(03.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ELECTROPHORESIS GELS WITH IN-  
CORPORATED INDICIA
- GELS D'ELECTROPHORESE COM-  
PRENANT DES SIGNES INCORPORES
- (71) BIO-RAD LABORATORIES, INC.  
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cules, CA 94547 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
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- (74) HEINES, M., Henry et al. / etc.; Townsend  
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cadero Center, 8th Floor, San Francisco, CA  
94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
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DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
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SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
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SN TD TG).
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- Declaration / Déclaration :
- (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> G01N 1/22
- (11) WO 2004/094998 (13) A1
- (21) PCT/US2004/005089
- (22) 23 Feb/fév 2004 (23.02.2004)
- (25) en (26) en
- (30) 10/419,535 21 Apr/avr 2003 US  
(21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SAMPLING CARTRIDGE FOR GAS  
SAMPLING APPARATUS
- CARTOUCHE D'ECHANTILLONNAGE  
POUR DISPOSITIF  
D'ECHANTILLONNAGE DE  
GAZ
- (71) RUPPRECHT & PATASHNICK COM-  
PANY, INC. [US/US]; 25 Corporate Circle,  
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- (72, 75) ROGERS, Williams, E. [US/US]; 99  
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- (74) ROTHENBERG, Jeff; Heslin Rothenberg  
Farley & Mesiti P.C., 5 Columbia Circle, Al-  
bany, NY 12203 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
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GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
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VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> G01N 1/38
- (11) WO 2004/094999 (13) A2
- (21) PCT/US2004/012164
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 10/422,063 23 Apr/avr 2003 US  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • APPARATUS AND METHOD OF CRE-  
ATING A USE SOLUTION WITH A  
LOW DILUTION RATE
- APPAREIL ET METHODE DE  
CREATION D'UNE SOLUTION  
D'UTILISATION PRESENTANT UNE  
FAIBLE VITESSE DE DILUTION
- (71) ECOLAB INC. [US/US]; Ecolab Center,  
Saint Paul, MN 55102 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) THOMAS, John, E. [US/US]; 1019  
East Hazel Street, River Falls, WI 54022  
(US). BATCHER, Thomas, J. [US/US];  
1948 Crown Point Drive, Mendota Heights,  
MN 55118 (US).
- (74) SORENSEN, Andrew, D.; ECOLAB INC.,  
840 Sibley Memorial Highway, Mendota  
Heights, MN 55118 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).



(51)<sup>7</sup> G01N 15/02  
(11) WO 2004/095000 (13) A1  
(21) PCT/US2004/012598  
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(25) en (26) en  
(30) 10/419,613 21 Apr/avr 2003 US  
(21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD FOR MEASURING A PARTICLE SIZE DISTRIBUTION OF A POPULATION OF PARTICLES  
• PROCEDE DE MESURE DE LA DISTRIBUTION EN TAILLES DES PARTICULES D'UNE POPULATION

(71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, Illinois 60015 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WONG, Joseph Chung Tak [US/US]; 36141 N. Bridlewood Avenue, Gurnee, IL 60031 (US). NEUBERGER, Damian [US/US]; 2416 Covert Road, Glenview, IL 60025 (US).

(74) MAYO, Michael C. et al. / etc.; Baxter International Inc., One Baxter Parkway, Deerfield, IL 60015 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2004/095001 (13) A1  
(21) PCT/US2004/012597  
(22) 20 Apr/avr 2004 (20.04.2004)  
(25) en (26) en  
(30) 10/419,612 21 Apr/avr 2003 US  
(21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • DETERMINATION OF PARTICLE SIZE BY IMAGE ANALYSIS  
• DETERMINATION DE LA TAILLE DE PARTICULES PAR ANALYSE D'IMAGES

(71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, Illinois 60015 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) NEUBERGER, Damian [US/US]; 2416 Covert Road, Glenview, IL 60025 (US). WONG, Joseph Chung Tak [US/US]; 36141 N. Bridlewood Avenue, Gurnee, IL 60031 (US).

(74) MAYO, Michael C. et al. / etc.; Baxter International Inc., One Baxter Parkway, Deerfield, IL 60015 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 21/00, G01V 8/10  
(11) WO 2004/095002 (13) A1  
(21) PCT/RU2003/000189  
(22) 22 Apr/avr 2003 (22.04.2003)  
(25) ru (26) ru  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR MEASURING THE CHANGE OF A PHOTOGRAPHIC IMAGE LUMINESCENCE CHARACTERISING A LIGHT INTERACTION ENERGY  
• PROCEDE POUR MESURER LA MODIFICATION DE LA LUMINANCE D'UN CLICHE PHOTOGRAPHIQUE CARACTERISANT L'ENERGIE

(71, 72) MAIKO, Victor Petrovich [RU/—]; ul. Gorky, 10-4, Gelendzhik, 353470 (RU). IVANOV, Viacheslav Aleksandrovich [RU/—]; ul. Sveaborgskaya, 11-13, St. Petersburg, 196105 (RU). TASHLYK, Mikhail Petrovich [RU/—]; v/ch 32004, Gelendzhik (RU).

(74) RIBAKOV, Yori V.; A/ya 55, St.Petersburg, 197136 (RU).

(81) AT AZ BG BR CA CH CN CZ DE DK ES FI GB JP KR KZ MX NO RU SD SE SK UA US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> G01N 21/00, G01V 8/10  
(11) WO 2004/095003 (13) A1  
(21) PCT/RU2003/000190  
(22) 22 Apr/avr 2003 (22.04.2003)  
(25) ru (26) ru  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR DETERMINING ENERGY OF AN ELECTROMAGNETIC NOISE PROCESS  
• PROCEDE POUR DETERMINER L'ENERGIE D'UN PROCESSUS DE BRUITAGE ELECTROMAGNETIQUE

(71, 72) MAIKO, Victor Petrovich [RU/—]; ul. Gorky Street, 10-4, Gelendzhik, 353470 (RU). IVANOV, Viacheslav Alesandrovich [RU/—]; ul. Sveaborgskaya, 11-13, Saint Petersburg, 196105 (RU). TASHLYK, Mikhail,

Petrovich [RU/—]; Gelendzhik, v/ch 32004 (RU).

(74) RIBAKOV, Yori Vladimirovich; A/ya 55, St.Petersburg, 197136 (RU).

(81) AT AZ BG BR CA CH CN CZ DE DK ES FI GB JP KR KZ MX NO RU SD SE SK UA US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> G01N 21/00  
(11) WO 2004/095004 (13) A2  
(21) PCT/US2004/012379  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 10/419,797 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ACTIVE REMOTE SENSING USING A SPECTRAL LOCK-IN TECHNIQUE  
• DETECTION ACTIVE A DISTANCE UTILISANT UNE TECHNIQUE DE BLOCAGE SPECTRAL

(71) ITT MANUFACTURING ENTERPRISES, INC. [US/US]; 1105 North Market Street, Suite 1217, Wilmington, DE 19801 (US).  
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(72, 75) NEFF, Benjamin, R. [US/US]; 1919 W. Cook Road, Fort Wayne, IN 46801 (US). PRUITT, Jeff, D. [US/US]; 1919 W. Cook Road, Fort Wayne, IN 46801 (US). GYPSON, Matthew, L. [US/US]; 1919 W. Cook Road, Fort Wayne, IN 46801 (US). DOBBS, Michael, E. [US/US]; 1919 W. Cook Road, Fort Wayne, IN 46801 (US).

(74) SEITTER, Robert, P.; RatnerPrestia, P.O. Box 980, Valley Forge, PA 19482 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 21/35, G01J 3/10  
(11) WO 2004/095005 (13) A1  
(21) PCT/US2004/012219  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 10/422,027 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND SYSTEMS FOR REMOTE DETECTION OF GASES

- PROCEDES ET SYSTEMES DE DETECTION DE GAZ A DISTANCE
- (71) **BATTELLE MEMORIAL INSTITUTE** [US/US]; P.O. Box 999, Richland, WA 99352 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **JOHNSON, Timothy, J.** [US/US]; 821 Road 48, Pasco, WA 99301 (US).
- (74) **COY, Gregory, B.** et al. / etc.; Woodard, Emhardt, Moriarty, McNett & Henry LLP, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 21/55
- (11) WO 2004/095006 (13) A1
- (21) PCT/JP2004/004428
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) ja (26) ja
- (30) 2003-118565 23 Apr/avr 2003 JP (23.04.2003)
- (30) 2004-29060 5 Feb/fév 2004 JP (05.02.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DIFFERENTIAL SURFACE PLASMON RESONANCE MEASURING DEVICE AND ITS MEASURING METHOD
- DISPOSITIF DE MESURE DE RESONANCE PLASMONIQUE DE SURFACE DIFFERENTIELLE ET PROCEDE DE MESURE CORRESPONDANT
- (71) **JAPAN SCIENCE AND TECHNOLOGY AGENCY** [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **IMATO, Toshihiko** [JP/JP]; 8-8-307, Minamisho 2-chome, Sawara-ku, Fukuoka-shi, Fukuoka 814-0031 (JP). **ASANO, Yasukazu** [JP/JP]; 5-38-202, Hakozaki 3-chome, Higashi-ku, Fukuoka-shi, Fukuoka 812-0053 (JP).
- (74) **SHIMIZU, Mamoru**; Ohzono Bldg., 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G01N 21/64
- (11) WO 2004/095008 (13) A1
- (21) PCT/JP2003/005190
- (22) 23 Apr/avr 2003 (23.04.2003)
- (25) ja (26) ja
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR ANALYZING MOLECULAR FLUORESCENCE USING EVANESCENT ILLUMINATION
- PROCEDE POUR ANALYSER LA FLUORESCENCE MOLECULAIRE PAR ECLAIRAGE EVANESCENT
- (71) **OLYMPUS CORPORATION** [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KOBAYASHI, Sayoko** [JP/JP]; 5-32-20, Owadacho, Hachioji-shi, Tokyo 192-0045 (JP). **KATO, Noriko** [JP/JP]; 4-23-11, Myojincho, Hachioji-shi, Tokyo 192-0046 (JP).
- (74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN US.
- (84) EP (DE FR GB).
- (51)<sup>7</sup> G01N 21/82, 21/27, 21/64, C12Q 1/68
- (11) WO 2004/095009 (13) A1
- (21) PCT/JP2004/005952
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-120649 24 Apr/avr 2003 JP (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • OPTICAL INSPECTION DEVICE
- DISPOSITIF D'INSPECTION OPTIQUE
- (71) **MORITEX CORPORATION** [JP/JP]; 3-1-14, Jingu-mae, Shibuya-ku, Tokyo 1500001 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MYOGADANI, Toru** [JP/JP]; c/o Moritex Corporation, Yokohama Technical Center, 1-3-3, Azamino-minami, Aoba-ku, Yokohama-shi, Kanagawa 2250012 (JP). **TATSU, Masayoshi** [JP/JP]; c/o Moritex Corporation, Yokohama Technical Center, 1-3-3, Azamino-minami, Aoba-ku, Yokohama-shi, Kanagawa 2250012 (JP).
- (74) **SAWANO, Katsufumi** et al. / etc.; Sawano & Associates, Co-op Olympia 211, 35-3, Jingumae 6-chome, Shibuya-ku, Tokyo 1500001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G01N 21/85, G01F 1/74
- (11) WO 2004/095010 (13) A1
- (21) PCT/DE2004/000786
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) de (26) de
- (30) 103 18 548.8 24 Apr/avr 2003 DE (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND SYSTEM FOR DETERMINING THE PHASE DISTRIBUTION IN FLOWING MULTIPHASE MEDIA
- ENSEMBLE POUR DETERMINER LA REPARTITION DE PHASE DANS DES MILIEUX MULTIPHASES EN ECOULEMENT ET PROCEDE POUR

EVALUER LES SIGNAUX DE ME-  
SURE OBTENUS A L'AIDE DE CET  
ENSEMBLE

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ROSSENDORF E.V. [DE/DE]; Bautzner  
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les États désignés sauf US)

(72, 75) ZSCHAU, Jochen [DE/DE]; Wehrsdor-  
fer Strasse 9, 01324 Dresden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 0308950.5 17 Apr/avr 2003 GB  
(17.04.2003)

(30) 0321443.4 12 Sep/sep 2003 GB  
(12.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVEMENTS TO RUPTURE  
EVENT SENSORS

• DETECTION DE CAPTEURS DE PHE-  
NOMENES DE RUPTURE

(71) AKUBIO LIMITED [GB/GB]; 112 Hills  
Road, Cambridge CB2 1PH (GB).

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les États désignés sauf US)

(72, 75) OOSTANIN, Victor, Petrovich [GB/GB];  
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bridgeshire CB4 2EH (GB).

(74) GILL JENNINGS & EVERY; Broadgate  
House, 7 Eldon Street, London EC2M 7LH  
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01N 27/00, H03L 5/02

(11) WO 2004/095012 (13) A1

(21) PCT/GB2004/001615

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 0308950.5 17 Apr/avr 2003 GB  
(17.04.2003)

(30) 0321443.4 12 Sep/sep 2003 GB  
(12.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CRYSTAL OSCILLATOR

• OSCILLATEUR A QUARTZ

(71) AKUBIO LIMITED [GB/GB]; 112 Hills  
Road, Cambridge CB2 1PH (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) OOSTANIN, Victor, Petrovich [GB/GB];  
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(74) GILL JENNINGS & EVERY; Broadgate  
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(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01N 27/12, 33/00

(11) WO 2004/095013 (13) A1

(21) PCT/IB2004/001221

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) TO2003A000318 24 Apr/avr 2003 IT  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A THIN SEMICONDUCTOR FILM GAS  
SENSOR DEVICE

• DISPOSITIF DETECTEUR DE GAZ A  
COUCHE MINCE DE SEMICONDUCTEUR

(71) SACMI COOPERATIVA MECCANICI  
IMOLA [IT/IT]; Soc. Coop. a r. l., Via  
Selice Provinciale, 17/A, I-40026 Imola (IT).  
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(72, 75) SBERVEGLIERI, Giorgio [IT/IT];  
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COMINI, Elisabetta [IT/IT]; Via Mutti,  
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(IT).

(74) FUOCHI, Riccardo et al. / etc.; Bugnion  
S.p.a., Via Goito, 18, I-40126 Bologna (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
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(51)<sup>7</sup> G01N 27/406, 33/00, F02D 41/14

(11) WO 2004/095014 (13) A1

(21) PCT/EP2004/002601

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 10318648.4 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR OPERATING AN EX-  
HAUST GAS SENSOR

• PROCEDE POUR FAIRE FONC-  
TIONNER UN CAPTEUR DE GAZ  
D'ECHAPPEMENT

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) RENZ, Volker [DE/DE]; Hemauer-  
strasse 15, 93047 Regensburg (DE).  
ZHANG, Hong [CN/DE]; Spitzweg Strasse  
16, 93105 Tegernheim (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G01N 27/407, 33/00

(11) WO 2004/095015 (13) A1

(21) PCT/GB2004/000934

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 0308939.8 17 Apr/avr 2003 GB  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTROCHEMICAL SOLID ELECTROLYTE SENSOR FOR THE DETECTION OF OXYGEN, HYDROCARBONS AND MOISTURE IN VACUUM ENVIRONMENTS

• DETECTEUR ELECTROCHIMIQUE A ELECTROLYTE SOLIDE POUR LA DETECTION D'OXYGENE, D'HYDROCARBURES ET D'HUMIDITE DANS DES MILIEUX SOUS VIDE

(71) THE BOC GROUP PLC [GB/GB]; Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRANT, Robert, Bruce [GB/GB]; Mill House, 126 High Street, Steyning, West Sussex BN44 3RD (GB). DAVIS, Patrick [GB/GB]; 1 Castle Heights, Dundrum, Newcastle, Co. Down, Northern Ireland, BT33 0RY (GB). HUGHES, Carolyn [GB/GB]; 3 Triangle Cottages, Highgate Road, Forest Row, East Sussex RH18 5AZ (GB).

(74) BOOTH, Andrew, Steven; The Boc Group Plc, Chertsey Road, Windlesham, Surrey GU20 6HJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 27/447

(11) WO 2004/095016 (13) A1

(21) PCT/US2004/006862

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/402,173 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DUAL ELECTRODE INJECTION OF ANALYTE INTO A CAPILLARY ELECTROPHORETIC DEVICE

• SYSTEME D'INJECTION A DEUX ELECTRODES D'UN ANALYTE DANS UN DISPOSITIF ELECTROPHORETIC CAPILLAIRE

(71) APLERA CORPORATION [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VANN, Charles, S.; 1425 Drake Avenue, Burlingame, CA 94010 (US). LIU, Timothy, Z. [US/US]; 33961 Capulet Circle, Fremont, CA 94555 (US).

(74) BOWERSOX, Leonard, D.; Kilyk & Bowersox, P.L.L.C., 3603-E Chain Bridge Road, Fairfax, VA 22030, Washington, VA 22030 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 30/00

(11) WO 2004/095017 (13) A2

(21) PCT/CH2004/000176

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 714/03 22 Apr/avr 2003 CH (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SAFETY DEVICE FOR LABORATORY WORK, ESPECIALLY FOR LIQUID CHROMATOGRAPHY SYSTEMS

• DISPOSITIF DE SECURITE DESTINE A L'UTILISATION EN LABORATOIRE, NOTAMMENT A DES SYSTEMES DE CHROMATOGRAPHIE EN PHASE LIQUIDE

(71, 72) MAETZKE, Thomas [CH/CH]; Wilhelm-Haas-Weg 12, CH-4142 Münchenstein (CH).

(74) ABATRON-PATENTBÜRO AG; Altstetterstrasse 224, CH-8048 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 30/48, B01J 20/24, B01D 15/08

(11) WO 2004/095018 (13) A1

(21) PCT/JP2004/005757

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-119326 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEPARATING AGENT FOR OPTICAL ISOMER

• AGENT DE SEPARATION POUR ISOMERES OPTIQUES

(71) DAICEL CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 5908501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKAMOTO, Yoshio [JP/JP]; 2-66-222, Yadacho, Higashi-ku, Nagoya-shi, Aichi 4610042 (JP). YAMAMOTO, Chiyo [JP/JP]; 654-265, Kagiya-cho, Kasugai-shi, Aichi 4800304 (JP).

(74) FURUYA, Satoshi et al. / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 1030007 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01N 30/60, B01D 15/22

(11) WO 2004/095019 (13) A1

(21) PCT/US2004/004587

(22) 17 Feb/fév 2004 (17.02.2004)

(25) en (26) en

(30) 60/456,720 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH VELOCITY CHROMATOGRAPHY COLUMN FLOW DISTRIBUTOR

• REPARTITEUR DE FLUX POUR COLONNE DE CHROMATOGRAPHIE A GRANDE VITESSE

(71) MILLIPORE CORPORATION [US/US]; John Dana Hubbard, 290 Concord Road, Billerica, MA 01821 (US).

(72) TITUS, Michael; 8 Old Towne Road, Apt. 527, Ayer, 20 01432 (US). NOYES, Aaron; 108 Central Street, Somerville, 20 02145 (US). RAYNER, Ian; 2304 Stearns Hill Road, Waltham, 20 02451 (US). ANTONIOU, Chris; 44 Cloverhill Drive, Chelmsford, 20 01824 (US).

(74) MILLIPORE CORPORATION; John Dana Hubbard, 290 Concord Road, Billerica, 20 01821 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G01N 30/60  
(11) WO 2004/095020 (13) A1  
(21) PCT/US2004/004588  
(22) 17 Feb/fév 2004 (17.02.2004)  
(25) en (26) en  
(30) 60/456,591 21 Mar/mar 2003 US (21.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • CHROMATOGRAPHIC COLUMN SEAL  
• JOINT DE COLONNE DE CHROMATOGRAPHIE  
(71) MILLIPORE CORPORATION [US/US]; 290 Concord Road, Billerica, MA 01821 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72) GILL, Melvyn, John; 11 Southern Avenue (GB). DUNKLEY, John, Graham; 79 Stonecote Ridge, Bussage, Stroud, Stroud, 25 GL6 8JY (GB). FRAZER, Neil, Francis; Parkhill Cottage, Cow Lane, South Woodchester, Stroud, 25 GL5 5HN (GB). PURDOM, Geoffrey; 7 Hazelnut Street, Acton, 20 01720 (US).  
(74) HUBBARD, John, Dana; MILLIPORE CORPORATION, 290 Concord Road, Billerica, MA 01821 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 33/48, G06F 17/60  
(11) WO 2004/095021 (13) A1  
(21) PCT/JP2004/005915  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) ja (26) ja  
(30) 2003-118496 23 Apr/avr 2003 JP (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD OF CREATING DISEASE PROGNOSIS MODEL, METHOD OF PREDICTING DISEASE PROGNOSIS USING THE MODEL, DEVICE FOR PREDICTING DISEASE PROGNOSIS USING THE MODEL, ITS PROGRAM, AND RECORDING MEDIUM  
• PROCEDE DE CREATION DE MODELE DE PRONOSTIC DE MALADIE, PROCEDE DE PREDICTION DE PRONOSTIC DE MALADIE UTILISANT LE MODELE, DISPOSITIF POUR LA PREDICTION DE PRONOSTIC DE MALADIE UTILISANT LE MODELE, SON PROGRAMME ET SUPPORT D'ENREGISTREMENT

- (71) EISAI CO. LTD. [JP/JP]; 4-6-10, Koishikawa Bunkyo-ku Tokyo, 1128088 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(71, 72) YATSUHASHI, Hiroshi [JP/JP]; 982-17, Kiba 1-chome, Omura-shi, Nagano, 8560046 (JP). AKIYAMA, Masanori [JP/JP]; 1-3-25, Shoan, Suginami-ku, Tokyo, 1670054 (JP).  
(72, 75) MATSUMOTO, Takeharu [JP/JP]; 46-3, Kiba 1-chome, Omura-shi, Nagasaki, 8560046 (JP).  
(74) INABA, Yoshiyuki et al. / etc.; TMI ASSOCIATES 23rd Floor, Roppongi Hills Mori Tower, 6-10-1, Roppongi Minato-ku, Tokyo, 1066123 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 33/50, 21/64  
(11) WO 2004/095022 (13) A1  
(21) PCT/JP2004/005620  
(22) 20 Apr/avr 2004 (20.04.2004)  
(25) ja (26) ja  
(30) 2003-116157 21 Apr/avr 2003 JP (21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD OF EVALUATING OXIDIZED PROTEIN IN HORNY CELL LAYER  
• PROCEDE POUR EVALUER UNE PROTEINE OXYDEE DANS UNE COUCHE DE CELLULE CORNEE  
(71) SHISEIDO COMPANY, LTD. [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 1048010 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) FUJITA, Hiroshi [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN-YOKOHAMA), 2-2-1, Hayabuchi, Tsuzuki-ku, Yokohama-shi, Kanagawa 2248558 (JP). HIRAO, Tetsuji [JP/JP]; c/o SHISEIDO RESEARCH CENTER (SHIN-YOKOHAMA), 2-2-1, Hayabuchi, Tsuzuki-ku, Yokohama-shi, Kanagawa 2248558 (JP).  
(74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomori 37 Mori Bldg., 5-1, Toranomori 3-chome, Minato-ku, Tokyo 1058423 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 33/50, 33/15, C12Q 1/02, A61K 39/395, 45/00, 48/00, A61P 1/04, 1/16, 3/10, 9/00, 11/00, 11/06, 19/02, 25/00, 25/16, 25/28, 27/00, 29/00, 31/12, 31/18, 35/00, 37/00, 37/08  
(11) WO 2004/095023 (13) A1  
(21) PCT/JP2004/005829  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) ja (26) ja  
(30) 2003-118760 23 Apr/avr 2003 JP (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • NOVEL METHOD OF SCREENING  
• NOUVELLE TECHNIQUE DE CRIBLAGE  
(71) TAKEDA PHARMACEUTICAL COMPANY LIMITED [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) KOBAYASHI, Makoto [JP/JP]; 5-5, Kasugadai 7-chome, Nishi-ku, Kobe-shi, Hyogo, 6512276 (JP). HABATA, Yugo [JP/JP]; 569-9, Sasagi, Tsukuba-shi, Ibaraki, 3050043 (JP). FUJII, Ryo [JP/JP]; 33-16, Kasuga 2-chome, Tsukuba-shi, Ibaraki, 3050821 (JP). HINUMA, Shuji [JP/JP]; 7-9-1402, Kasuga 1-chome, Tsukuba-shi, Ibaraki, 3050821 (JP).  
(74) TAKAHASHI, Shuichi et al. / etc.; c/o Osaka Plant of TAKEDA PHARMACEUTICAL COMPANY LIMITED, 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka, 532-0024 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)  
(51)<sup>7</sup> G01N 33/53, 33/533, C12Q 1/68, C07K 19/00  
(11) WO 2004/095024 (13) A1  
(21) PCT/JP2004/003433  
(22) 15 Mar/mar 2004 (15.03.2004)

- (25) ja (26) ja
- (30) 2003-120253 **24 Apr/avr 2003** JP  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PROBE FOR DETECTING AND QUANTIFYING LIPID SECOND MESSENGER AND METHOD OF DETECTING AND QUANTIFYING LIPID SECOND MESSENGER USING THE SAME  
• SONDE POUR LA DETECTION ET LA QUANTIFICATION D'UN SECOND MESSENGER LIPIDIQUE ET PROCEDE POUR LA DETECTION ET LA QUANTIFICATION D'UN SECOND MESSENGER LIPIDIQUE METTANT EN OEUVRE LADITE SONDE
- (71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) UMEZAWA, Yoshio [JP/JP]; 45-1-203, Ichigaya, Yakuoji-machi, Shinjuku-ku, Tokyo 162-0063 (JP). SATO, Moritoshi [JP/JP]; 701, 8-4, Mukogaoka 2-chome, Bunkyo-ku, Tokyo 113-0023 (JP).
- (74) NISHIZAWA, Toshio; Threc F Minami Aoyama Bldg. 7F, 11-1, Minami-Aoyama 6-chome, Minato-ku, Tokyo 107-0062 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 33/543, 33/545, B01J 19/00, B01L 3/00, C07H 21/00
- (11) WO 2004/095025 (13) A1
- (21) PCT/US2004/006031
- (22) 27 Feb/fév 2004 (27.02.2004)
- (25) en (26) en
- (30) 10/410,709 **10 Apr/avr 2003** US  
(10.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMPROVED COMPOSITE MICROARRAY SLIDES  
• LAMES COMPOSITES AMELIOREES A MICRORESEAU
- (71) CUNO, INC. [US/US]; 400 Research Parkway, Meriden, CT 06450 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) SOLOMON, Keith; 30 Mansfield Drive, #2001, Northford, CT 06472 (US). MEYER-ERING, Mark; 119 Hubbard Street, Middlefield, CT 06455 (US). DAIGLE, Derek; 420 Unit C Fountain Street, New Haven, CT 06515 (US). SPEARIN, Aaron; 12 Ardman Drive, Williamantic, CT 06226 (US).
- (74) PAYNE, Thomas, R.; CUNO Incorporated, 400 Research Parkway, P.O. Box 1018, Meriden, CT 06450-1018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 33/543
- (11) WO 2004/095026 (13) A1
- (21) PCT/US2004/006412
- (22) 3 Mar/mar 2004 (03.03.2004)
- (25) en (26) en
- (30) 10/406,577 **3 Apr/avr 2003** US  
(03.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ASSAY DEVICES THAT UTILIZE HOLLOW PARTICLES  
• DISPOSITIFS DE DOSAGE QUI UTILISENT DES PARTICULES CREUSES
- (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, Wisconsin 54956 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YANG, Kaiyuan [CN/US]; 6155 Ivey Hill Drive, Cumming, Georgia 30040 (US). WEL, Ning [US/US]; 530 Summerhill Drive, Roswell, Georgia 30075 (US). KAYLOR, Rosann [US/US]; 7480 Williamsburg Drive, Cumming, Georgia 30041 (US). CHIDE-BELU-EZE, Chibueze Obinna [US/US]; 3945 Wolf Creek Circle, SW, Atlanta, Georgia 30331 (US). ATANASSOV, Zdravko [BG/US]; 1295 Kilmington Court, Alpharetta, Georgia 30004 (US).
- (74) JOHNSTON, Jason, W. et al. / etc.; DORITY & MANNING, P.A., P.O. Box 1449, Greenville, South Carolina 29602-1449 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01N 33/566, C12Q 1/37
- (11) WO 2004/095027 (13) A1
- (21) PCT/EP2004/003483
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/422,052 **22 Apr/avr 2003** US  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DIAGNOSTIC ASSAY FOR ANTI-VON WILLEBRAND FACTOR CLEAVING PROTEASE (ADAMTS13) ANTIBODIES  
• ESSAI DIAGNOSTIQUE POUR ANTI-CORPS ANTI-PROTEASE DE CLIVAGE DE FACTEUR DE WILLEBRAND (ADAMTS13)
- (71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US). BAXTER HEALTHCARE S.A. [CH/CH]; Hertistrasse 2, CH-8304 Wal-lisellen (CH).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SCHEIFLINGER, Friedrich [AT/AT]; Michelbeuerngasse 4/17, A-1090 Wien (AT). RIEGER, Manfred [AT/AT]; Dr. Nemec-gasse 1/7/6, A-2230 Gaenserndorf (AT). PLAIMAUER, Barbara [AT/AT]; Linien-gasse 12/8, A-1060 Wien (AT).
- (74) PERREY, Ralf; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> G01N 33/566, 33/50, 33/542
- (11) WO 2004/095028 (13) A1
- (21) PCT/JP2003/005188
- (22) 23 Apr/avr 2003 (23.04.2003)
- (25) ja (26) ja
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF SCREENING SUBSTANCE CAPABLE OF BINDING TO RECEPTOR  
• PROCEDE POUR CRIBLER UNE SUBSTANCE CAPABLE DE SE LIER A UN RECEPTEUR
- (71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).
- 
- Published / Publiée : (c)

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATO, Noriko** [JP/JP]; 4-23-11, Myojincho, Hachioji-shi, Tokyo 192-0046 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN US.

(84) EP (DE FR GB).

(51)<sup>7</sup> G01N 33/566, 33/50, 33/542

(11) WO 2004/095029 (13) A1

(21) PCT/JP2003/005189

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF DETECTING BOND BETWEEN NUCLEIC ACID AND NUCLEIC ACID-BINDING PROTEIN BY SINGLE MOLECULE FLUOROMETRY  
• PROCEDE DE DETECTION DE LIAISON ENTRE UN ACIDE NUCLEIQUE ET UNE PROTEINE DE LIAISON D'ACIDES NUCLEIQUES PAR FLUOROMETRIE A MOLECULE ISOLEE

(71) **OLYMPUS CORPORATION** [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). **OKAMOTO, Naoaki** [JP/JP]; 504-17, Katakuramachi, Hachioji-shi, Tokyo 192-0914 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATO, Noriko** [JP/JP]; 4-23-11, Myojincho, Hachioji-shi, Tokyo 192-0046 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN US.

(84) EP (DE FR GB).

(51)<sup>7</sup> G01N 33/58, 33/558, 33/543

(11) WO 2004/095030 (13) A1

(21) PCT/US2004/006414

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 10/406,631 3 Apr/avr 2003 US (03.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REDUCTION OF THE HOOK EFFECT IN ASSAY DEVICES  
• REDUCTION DE L'EFFET DE CROCHET DANS DES DISPOSITIFS DE DOSAGE

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

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(72, 75) **WEI, Ning** [US/US]; 530 Summerhill Drive, Roswell, GA 30075 (US). **HUANG, Yanbin** [CN/US]; 507 Belcourt Pkwy, Roswell, GA 30076 (US). **YANG, Kaiyuan** [CN/US]; 6155 Ivey Hill Drive, Cumming, GA 30040 (US).

(74) **JOHNSTON, Jason, W.** et al. / etc.; DORITY & MANNING, P.A., P.O. Box 1449, Greenville, SC 29602-1449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G01N 33/68

(11) WO 2004/095031 (13) A1

(21) PCT/EP2003/011413

(22) 15 Oct/oct 2003 (15.10.2003)

(25) en (26) en

(30) 60/464,888 24 Apr/avr 2003 US (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MONITORING IMMUNOTHERAPY  
• PROCEDE DE CONTROLE D'IMMUNOTHERAPIE

(71) **UNIVERSITÄT ZÜRICH** [CH/CH]; Rämistrasse 71, CH-8006 Zürich (CH).

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(72, 75) **HOCK, Christoph** [DE/CH]; Rietstrasse 43, CH-8703 Erlenbach (CH). **KONNETZKO, Uwe** [DE/CH]; Witellikerstrasse 22/263, CH-8008 Zürich (CH). **NITSCH, Roger** [DE/CH]; Guggenstr. 19, CH-8702 Zollikon (CH).

(74) **MEYERS, Hans-Wilhelm** et al. / etc.; von Kreisler Selting Werner, P.O. Box 10 22 41, 50462 Cologne (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/68

(11) WO 2004/095032 (13) A1

(21) PCT/GB2004/001701

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 0308967.9 17 Apr/avr 2003 GB (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SCREEN FOR PRE-ECLAMPSIA

• ECRAN DESTINE A LA PRE-ECLAMPSIE

(71) **UNIVERSITY COLLEGE LONDON** [GB/GB]; Gower Street, London WC1E 9BT (GB).

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(72, 75) **SAVVIDOU, Makrina** [GB/GB]; Harris Birthright Research Centre For Fetal Medicine, King's College Hospital, Denmark Hill, London SE 8RS (GB). **HINGORANI, Aroon**, [GB/GB]; Centre For Clinical Pharmacology, British Heart Foundation Laboratories University C, ollege London, 4th Floor, Rayne Institute, 5 University Street, London WC1E 6JF (GB). **VALLANCE, Patrick** [GB/GB]; Centre For Clinical Pharmacology, British Heart Foundation Laboratoires UNiversity Co, llege London, 4th Floor, Raxne Institute, 5 University Street, London WC1E 6JF (GB). **NICOLAIDES, Kypros** [GB/GB]; Harris Brithright Research Centre For Fetal Medicine, King's College Hospital, Denmark Hill, London SE5 8RS (GB).

(74) **WOODS, Geoffrey, Corlett; J.A. Kemp & Co.,** 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 33/68

(11) WO 2004/095033 (13) A2

(21) PCT/US2004/011456

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/463,780 17 Apr/avr 2003 US (17.04.2003)

(30) 60/463,830 17 Apr/avr 2003 US (17.04.2003)

(30) 60/465,611 24 Apr/avr 2003 US (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPOSITIONS AND METHODS FOR ACCURATE EARLY PREGNANCY DIAGNOSIS IN UNGULATES

• COMPOSITIONS ET PROCEDES DE DIAGNOSTIC DE GROSSESSE PRECOCE PRECISE CHEZ LES ONGULES

(71) **MOSANTO TECHNOLOGY LLC** [US/US]; 800 North Lindbergh Boulevard, St-Louis, MO 63167 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATHIALAGAN, Nagappan** [US/US]; 1205 Oak Borough Drive, Ballwin, MO 63021 (US).

(74) KAMMERER, Patricia, A.; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01N 35/00, B01L 3/00

(11) WO 2004/095034 (13) A1

(21) PCT/US2004/012373

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,869 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL BIO-DISCS INCLUDING SPIRAL FLUIDIC CIRCUITS FOR PERFORMING ASSAYS

• BIO-DISQUES OPTIQUES COMPRENANT DES CIRCUITS FLUIDIQUES SPIRAUX POUR LA REALISATION DE DOSAGES

(71) NAGAOKA & CO., LTD. [JP/JP]; 7-18 Nishinomiya-hama 4-Chome, Nishinomiya-Shi, Hyogo 662-0934 (JP). BURSTEIN TECHNOLOGIES, INC. [US/US]; 163 West Technology Drive, Irvine, CA 92618 (US). NORTON, James, Rodney [US/US]; 19321 Fisher Lane, Santa Ana, CA 92705 (US).

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(72, 75) STAIMER, Norbert [DE/US]; 21141 Canada Road, #12D, Lake Forest, CA 92630 (US). CHEN, Yihfar [CN/CN]; 205 Ku-Shan 2nd Road, Kaohsiung City, 80446 (TW). JISON, Jay, Oliver, C. [PH/US]; 24345 Marquis Court, Laguna Hills, CA 92653 (US). MOUNPHOXAY, Johnny, Chen [US/US]; 2251 W. Falmouth Avenue, Anaheim, CA 92801 (US).

(74) MALLON, Joseph, J.; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01R

(11) WO 2004/095035 (13) A2

(21) PCT/US2004/003869

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 0308620.4 14 Apr/avr 2003 GB (14.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MAGNETICALLY OPERATED HINGE SWITCH

• COMMUTATEUR ARTICULE A FONCTIONNEMENT MAGNETIQUE

(71) KEY SAFETY SYSTEMS, INC. [US/US]; 7000 Nineteen Mile Road, Sterling Heights, MI 48314 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOWELL, Andrew [GB/GB]; 32 Cross Street, Hoxne, Eye, Suffolk ID21 5AH (GB).

(74) DRAYER, Lonnie, R.; Key Safety Systems, Inc., 5300 Allen K. Breed Highway, Lakeland, FL 33811-1130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R

(11) WO 2004/095036 (13) A2

(21) PCT/US2004/007387

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/411,803 11 Apr/avr 2003 US (11.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR VERTICAL VOLTAGE POTENTIAL MAPPING

• PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER UNE CARTOGRAPHIE VERTICALE DE POTENTIELS DE TENSION

(71) S-T-N HOLDINGS, INC. [US/US]; 2255-A Renaissance Drive, Suite 20, Las Vegas, NV 89119 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURRAY, Neal, S. [US/US]; 3731 Eckhardt Road, Hamburg, NY 14075 (US). KLEINFELDER, Henry, G., Jr. [US/US];

7320 Ward Road, Orchard Park, NY 14127 (US). NILES, Kevin, D. [US/US]; 4493 Sunset Drive, Lockport, NY 14094 (US).

(74) SNYDER, George, L., Jr. et al. / etc.; Hodgson Russ LLP, One M & T Plaza, Suite 2000, Buffalo, NY 14203-2391 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R

(11) WO 2004/095037 (13) A2

(21) PCT/US2004/007849

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 60/462,035 11 Apr/avr 2003 US (11.04.2003)

(30) 10/799,105 12 Mar/mar 2004 US (12.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM FOR OPERATING AN ATOMIC CLOCK WITH SIMULTANEOUS LOCKING OF FIELD AND FREQUENCY

• PROCEDE ET SYSTEME D'EXPLOITATION D'UNE HORLOGE ATOMIQUE AVEC VERROUILLAGE SIMULTANE DU CHAMP ET DE LA FREQUENCE

(71) PRINCETON UNIVERSITY [US/US]; Office of Technology Licensing & Intellectual Property, New South Building, 4th Floor, P.O. Box 36, Princeton, NJ 08544-0036 (US).

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(72) HAPPER, William; 559 Riverside Drive, Princeton, NJ 08540 (US). KUZMA, Nicholas, N.; P.O. Box 708, Princeton, NJ 08540 (US).

(74) DUNN McKAY, Diane; Mathews, Collins, Shepherd & McKay, P.A., 100 Thanet Circle, Suite 306, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ



CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> **G01R 31/26**  
(11) **WO 2004/095038** (13) A1  
(21) PCT/JP2003/005182  
(22) **23 Apr/avr 2003 (23.04.2003)**  
(25) ja (26) ja  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • INSERT AND TRAY RESPECTIVELY FOR ELECTRONIC COMPONENT HANDLING DEVICE AND ELECTRONIC COMPONENT HANDLING DEVICE  
• INSERT ET PLATEAU DESTINES A UN DISPOSITIF DE MANIPULATION DE COMPOSANTS ELECTRONIQUES ET DISPOSITIF DE MANIPULATION DE COMPOSANTS ELECTRONIQUES  
(71) **ADVANTEST CORPORATION [JP/JP]**; 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).  
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(72, 75) **OSAKABE, Akihiro [JP/JP]**; c/o ADVANTEST CORPORATION, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo 179-0071 (JP).  
(74) **HAYAKAWA, Yuzi et al. / etc.**; Arcadia Patent Firm, Suite 501, Hikawa-Annex No.2, 9-5, Akasaka 6-chome, Minato-ku, Tokyo 107-0052 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> **G01R 31/26**  
(11) **WO 2004/095039** (13) A1  
(21) PCT/JP2004/005519  
(22) **16 Apr/avr 2004 (16.04.2004)**  
(25) ja (26) ja  
(30) PCT/JP03/05182 **23 Apr/avr 2003 (23.04.2003)** JP  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • INSERT FOR ELECTRONIC COMPONENT-HANDLING DEVICE, TRAY, AND ELECTRONIC COMPONENT HANDLING DEVICE  
• PIECE A INSERER DESTINEE A UN DISPOSITIF DE MANIPULATION DE COMPOSANTS ELECTRONIQUES, PLATEAU ET DISPOSITIF DE MANIPULATION DE COMPOSANTS ELECTRONIQUES  
(71) **ADVANTEST CORPORATION [JP/JP]**; 32-1, Asahicho 1-chome, Nerima-ku, Tokyo, 1790071 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **OSAKABE, Akihiro [JP/JP]**; c/o ADVANTEST CORPORATION, 32-1, Asahicho 1-chome, Nerima-ku, Tokyo, 1790071 (JP).  
(74) **HAYAKAWA, Yuzi et al. / etc.**; Arcadia Patent Firm, Suite 501, Hikawa-Annex No. 2, 9-5, Akasaka 6-chome, Minato-ku, Tokyo, 1070052 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> **G01R 31/28**  
(11) **WO 2004/095040** (13) A1  
(21) PCT/US2004/005938  
(22) **26 Feb/fév 2004 (26.02.2004)**  
(25) en (26) en  
(30) 10/393,972 **21 Mar/mar 2003 (21.03.2003)** US  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • AUTOMATED CIRCUIT BOARD TEST ACTUATOR SYSTEM  
• SYSTEME D'ACTIONNEMENT AUTOMATIQUE DE TEST DE CARTES DE CIRCUITS IMPRIMES  
(71) **INTEL CORPORATION [US/US]**; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(72) **REPKO, Thomas**; 2080 Cherry Knoll Road, Dallas, OR 97338 (US). **JOYCE, Frank**; 5713 SW 52nd Avenue, Portland, OR 97221 (US). **TOH, Teik, Sean**; 77 Lorong BLM 2/1, Bandar Laguna Merbok, Sungai Petani, Kedak 08000 (MY). **KREAGER, Douglas**; 13758 Regency Court, Lake Oswego, OR 97035 (US).  
(74) **MALLIE, Michael, J. et al. / etc.**; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> **G01R 31/3185, G06F 13/42**  
(11) **WO 2004/095041** (13) A1  
(21) PCT/GB2003/004007  
(22) **17 Sep/sep 2003 (17.09.2003)**  
(25) en (26) en  
(30) 10/417,330 **17 Apr/avr 2003 (17.04.2003)** US  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • COMMUNICATION INTERFACE FOR DIAGNOSTIC CIRCUITS OF AN INTEGRATED CIRCUIT  
• INTERFACE DE COMMUNICATION POUR DES CIRCUITS DE DIAGNOSTIC D'UN CIRCUIT INTEGRE  
(71) **ARM LIMITED [GB/GB]**; 110 Fulbourn Road, Cherry Hinton, Cambridge CB1 9NJ (GB).  
(72) **KIMELMAN, Paul**; 110 Castle Crest Road, Alamo, CA 94507 (US). **FIELD, Ian**; 1756 Carmel Drive, #222 Walnut Creek, CA 94596 (US).  
(74) **ROBINSON, Nigel, Alexander, Julian**; D. Young & Co., 120 Holborn, London EC1N 2DY (GB).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> **G01R 33/20**  
(11) **WO 2004/095042** (13) A1  
(21) PCT/IB2004/001188  
(22) **13 Apr/avr 2004 (13.04.2004)**  
(25) en (26) en  
(30) 03101109.1 **23 Apr/avr 2003 (23.04.2003)** EP  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • MAGNETIC RESONANCE LOCATING METHOD  
• PROCEDE DE REPERAGE PAR RESONANCE MAGNETIQUE  
(71) **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]**; Steindamm 94, 20099 Hamburg (DE).  
*(only for / seulement pour DE)*  
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]**; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous les États désignés sauf DE US)*  
(72, 75) **ZENGE, Michael [DE/DE]**; c/o Philips Intellectual Property & Standards GmbH,

Weisshausstr. 2, 52066 Aachen (DE). **WEISS, Steffen** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). **SCHAEFFTER, Tobias** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). **SINKUS, Ralph** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(74) **MEYER, Michael**; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01R 33/20

(11) WO 2004/095043 (13) A2

(21) PCT/NL2004/000278

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03076199.3 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SELECTIVE MR IMAGING OF MAGNETIC SUSCEPTIBILITY DEVIATIONS  
• MISE EN IMAGE SELECTIVE PAR RESONANCE MAGNETIQUE DE DEVIATIONS DE SUSCEPTIBILITE MAGNETIQUE

(71) **UNIVERSITEIT UTRECHT HOLDING B.V.** [NL/NL]; Jenalaan 18a, NL-3584 CK Utrecht (NL). **UMC UTRECHT HOLDING B.V.** [NL/NL]; Jenalaan 18a, NL-3584 CK Utrecht (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEPPENWOOLDE, Jan, Hendrik** [NL/NL]; Filipijnen 85, NL-3524 JJ Utrecht (NL). **BAKKER, Christianus, Johannes, Gerardus** [NL/NL]; Oosterkade 4 bis, NL-3582 AS Utrecht (NL).

(74) **WINCKELS, J., H., F.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R 33/28, A61B 5/06, G01B 7/14, G01S 3/786

(11) WO 2004/095044 (13) A1

(21) PCT/IB2004/001204

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 03101101.8 22 Apr/avr 2003 EP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTISCALE LOCALIZATION PROCEDURE  
• PROCEDURE DE LOCALISATION A PLUSIEURS ECHELLES

(71) **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH** [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).  
(only for / seulement pour DE)

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
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(72, 75) **BORGERT, Joern** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). **RASCHE, Volker** [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(74) **MEYER, Michael**; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G01R 33/341, A61B 5/055

(11) WO 2004/095045 (13) A1

(21) PCT/IB2004/050494

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03101147.1 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVED MR DUCTOGRAPHY  
• GALACTOGRAPHIE A RESONANCE MAGNETIQUE AMELIOREE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(71, 72) **KURIHARA, Yasuyuki** [JP/JP]; c/o Sugao 2-16-1 Miyamae, Kawasaki, Kanagawa 216-8511 (JP).  
(only for / seulement pour JP US)

(72, 75) **VAN CAUTEREN, Marc, I., J.** [BE/JP]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHOUTEN, Marcus, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01R 33/3815

(11) WO 2004/095046 (13) A1

(21) PCT/JP2004/002908

(22) 5 Mar/mar 2004 (05.03.2004)

(25) ja (26) ja

(30) 2003-120245 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NUCLEAR MAGNETIC RESONANCE ANALYZER AND MAGNET FOR NUCLEAR MAGNETIC RESONANCE APPARATUS  
• ANALYSEUR PAR RESONANCE MAGNETIQUE NUCLEAIRE ET AIMANT POUR UN DISPOSITIF DE RESONANCE MAGNETIQUE NUCLEAIRE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).

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(72, 75) **KIKUTA, Tomomi** [JP/JP]; c/o Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). **WAKUDA, Tsuyoshi** [JP/JP]; c/o Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). **MAKI, Koji** [JP/JP]; c/o Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). **KAKU-GAWA, Shigeru** [JP/JP]; c/o Hitachi, Ltd., Hitachi Research Laboratory, 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP).

(74) **OGAWA, Katsuo**; Nitto International Patent Office, 8th Floor, No.17 Arai Building, 3-3, Shinkawa 1-chome, Chuo-ku, Tokyo 104-0033 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH

- PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> G01R 33/3875
- (11) WO 2004/095047 (13) A1
- (21) PCT/JP2004/005978
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) ja (26) ja
- (30) 2003-120237 24 Apr/avr 2003 JP  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • UNIFORM MAGNETIC FIELD GENERATION DEVICE AND NUCLEAR MAGNETIC RESONANCE DEVICE USING THE SAME
- DISPOSITIF DE GENERATION DE CHAMP MAGNETIQUE UNIFORME ET DISPOSITIF DE RESONANCE MAGNETIQUE NUCLEAIRE METTANT EN OEUVRE CELUI-CI
- (71) HITACHI, LTD. [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAKI, Kohji [JP/JP]; c/o HITACHI, LTD., Hitachi Research Laboratory, 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). WAKUDA, Tsuyoshi [JP/JP]; c/o HITACHI, LTD., Hitachi Research Laboratory, 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP). KIKUTA, Tomomi [JP/JP]; c/o HITACHI, LTD., Hitachi Research Laboratory, 1-1, Omika-cho 7-chome, Hitachi-shi, Ibaraki 319-1292 (JP).
- (74) OGAWA, Katsuo; Nitto International Patent Office, 8th Floor, No.17 Arai Building, 3-3, Shinkawa 1-chome, Chuo-ku, Tokyo 104-0033 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G01R 33/54
- (11) WO 2004/095049 (13) A1
- (21) PCT/GB2004/001717
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 0309298.8 24 Apr/avr 2003 GB  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PHOSPHORUS MAGNETIC RESONANCE IMAGING
- IRM AU PHOSPHORE
- (71) MEDICAL RESEARCH COUNCIL [GB/GB]; 20 Park Crescent, London W1B 1AL (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROBSON, Matthew [GB/GB]; University Of Oxford Centre For Clinical Magnetic
- Research MRS Unit, John Radcliffe Hospital, Oxford OX3 9DU (GB). BYDDER, Graeme [GB/GB]; The Robert Steiner Magnetic Resonance Unit Royal, Postgraduate Medical School, Hammersmith Hospital, London W12 8NN (GB). GATEHOUSE, Peter [GB/GB]; Cardiovascular Magnetic Resonance Unit, Royal Brompton Hospital, Sydney Street, London SW3 6NP (GB). FIRMIN, David [GB/GB]; Imperial College Of Science, Technology & Medicine, Exhibition Road, IONDON SW7 2AZ (GB).
- (74) LIPSCOMBE, Martin, John; Keith W Nash & Co, 90-92 Regent Street, Cambridge CB2 1DP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G01R 33/56, 33/561
- (11) WO 2004/095050 (13) A1
- (21) PCT/IB2004/050431
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 03101110.9 23 Apr/avr 2003 EP  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MR IMAGING METHOD
- PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).  
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW)
- (72, 75) EGGERS, Holger [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE). SCHÄFFTER, Tobias [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE). BÖRNERT, Peter [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).
- (74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G01R 33/50, 33/561
- (11) WO 2004/095048 (13) A1
- (21) PCT/IB2004/050417
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (72, 75) ALDEFELD, Bernd [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). BÖRNERT, Peter [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G01R 33/561
- (11) WO 2004/095051 (13) A1
- (21) PCT/IB2004/001212
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 03101108.3 23 Apr/avr 2003 EP (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF RECONSTRUCTING AN MR IMAGE
- PROCEDE DE RECONSTITUTION D'UNE IMAGE DE RESONANCE MAGNETIQUE
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).  
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)
- (72, 75) EGGERS, Holger [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).  
BOERNERT, Peter [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> G01S
- (11) WO 2004/095053 (13) A2
- (21) PCT/US2004/005653
- (22) 24 Feb/fév 2004 (24.02.2004)
- (25) en (26) en
- (30) 10/400,049 26 Mar/mar 2003 US (26.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NON-REUSABLE IDENTIFICATION DEVICE
- DISPOSITIF D'IDENTIFICATION A USAGE UNIQUE
- (71) PROXIMITIES, LLC [US/US]; 501 Forrestal Road, Suite 202, Princeton, NJ 08540 (US).  
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- (72, 75) GIRVIN, Joshua, M. [US/US]; 28 Linden Lane, Princeton, NJ 08540 (US).  
LERCH, John, W. [US/US]; 25 Wilton Street, Princeton, NJ 08540 (US).
- (74) LAVORGNA, Gregory, J.; Drinker Biddle & Reath LLP, One Logan Square, 18th and Cherry Streets, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)<sup>7</sup> G01R 33/563
- (11) WO 2004/095052 (13) A1
- (21) PCT/IB2004/050486
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 03101129.9 24 Apr/avr 2003 EP (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • FIBRE TRACKING MAGNETIC RESONANCE IMAGING
- IMAGERIE PAR RESONANCE MAGNETIQUE A SUIVI DE FIBRES
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HOOGENRAAD, Frank, G., C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
VAN MUISWINKEL, Arianne, M., C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
HOLTHUIZEN, Ronaldus, F., J.; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
VAN DEN BRINK, Johan, S. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) COHEN, Julius, S.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> G01S
- (11) WO 2004/095054 (13) A2
- (21) PCT/US2004/008766
- (22) 22 Mar/mar 2004 (22.03.2004)
- (25) en (26) en
- (30) 10/418,342 18 Apr/avr 2003 US (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND DEVICE FOR DETECTING AN INTERFERENCE CONDITION
- PROCEDE ET DISPOSITIF PERMETTANT DE DETECTER UN ETAT DE BROUILLAGE
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
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- (72, 75) FITZRANDOLPH, David, K. [US/US]; 2329 East Cortez Street, Phoenix, AZ 85028 (US).
- (74) KOCH, William, E. et al. / etc.; 3102 North 56th Street, AZ11/56-238, Phoenix, AZ 85018-6606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G01S 5/14
- (11) WO 2004/095055 (13) A1
- (21) PCT/GB2004/001676
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 0308894.5 17 Apr/avr 2003 GB (17.04.2003)
- (30) 0309142.8 23 Apr/avr 2003 GB (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CORRECTION OF TROPOSPHERE INDUCED ERRORS IN GLOBAL POSITIONING SYSTEMS
- CORRECTION D'ERREURS INDUITES PAR LA TROPOSPHERE DANS DES SYSTEMES MONDIAL DE LOCALISATION
- (71) SECRETARY OF STATE FOR DEFENCE [GB/GB]; DSTL Porton Down, Salisbury, Wiltshire SP4 0JQ (GB).  
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- (72, 75) POWE, Matthew, Duncan [GB/GB]; DSTL Farnborough, Ively Road, Farnborough, Hampshire GU14 0XL (GB). BUTCHER, James [GB/GB]; DSTL Farnborough, Ively Road, Farnborough, Hampshire GU14 0XL (GB). OWEN, John, Ifor, Rewbridge [GB/GB]; DSTL Farnborough, Ively Road, Farnborough, Hampshire GU14 0XL (GB).
- (74) HAMMERSLEY, John et al. / etc.; Harrison Goddard Foote, Orlando House, 11c Compstall Road, Marple Bridge, Stockport SK6 5HH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G01S 13/10
- (11) WO 2004/095057 (13) A1
- (21) PCT/JP2003/005279
- (22) 24 Apr/avr 2003 (24.04.2003)
- (25) ja (26) ja
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • RADAR DEVICE
- DISPOSITIF RADAR
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
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- (72, 75) YOKOO, Kaoru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). OISHI, Yasuyuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- 
- Published / Publiée : (c)
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> G01S 5/30, 11/14, 5/18, 5/20, 5/24
- (11) WO 2004/095056 (13) A1
- (21) PCT/IB2004/050465
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 03101098.6 22 Apr/avr 2003 EP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • OBJECT POSITION ESTIMATION SYSTEM, APPARATUS AND METHOD
- SYSTEME, APPAREIL ET PROCEDURE POUR ESTIMER LA POSITION D'UN OBJET
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAN LOENEN, Evert, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DIJK, Esko, O. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN BERKEL, Cornelis, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G01S 13/32
- (11) WO 2004/095058 (13) A1
- (21) PCT/JP2004/004111
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-116683 22 Apr/avr 2003 JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR MEASURING DISTANCE AND ITS SYSTEM
- PROCEDURE DE MESURE ET SYSTEME CORRESPONDANT
- (71) SHIMA SEIKI MANUFACTURING LTD. [JP/JP]; 85, Sakata Wakayama-shi Wakayama, 6410003 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUJISAKI, Hirotaka [JP/JP]; c/o SHIMA SEIKI MANUFACTURING, LTD. 85, Sakata Wakayama-shi Wakayama, 6410003 (JP).
- (74) SHIOIRI, Akira et al. / etc.; 4-1-409, Funado-cho, Ashiya-shi, Hyogo, 6590093 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G01S 13/32
- (11) WO 2004/095059 (13) A1
- (21) PCT/JP2004/004123
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-116684 22 Apr/avr 2003 JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR MEASURING HUMAN BODY SHAPE AND ITS SYSTEM
- PROCEDURE DE MESURE DE LA FORME DU CORPS HUMAIN ET SYSTEME CORRESPONDANT
- (71) SHIMA SEIKI MANUFACTURING LTD. [JP/JP]; 85, Sakata, Wakayama-shi, Wakayama, 6410003 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJISAKI, Hirota [JP/JP]; c/o SHIMA SEIKI MANUFACTURING, LTD. 85, Sakata Wakayama-shi, Wakayama, 6410003 (JP).

(74) SHIOIRI, Akira et al. / etc.; 4-1-409, Funnado-cho, Ashiya-shi, Hyogo, 6590093 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01T

(11) WO 2004/095060 (13) A2

(21) PCT/US2004/012110

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,843 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • X-RAY IMAGING TECHNIQUE

• TECHNIQUE D'IMAGERIE AUX RAYONS X

(71) L-3 COMMUNICATIONS SECURITY AND DETECTION SYSTEMS CORPORATION [US/US]; 10E Commerce Way, Woburn, MA 01801 (US).

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(72, 75) EILBERT, Richard, F. [US/US]; 116 Lincoln Road, Lincoln, MA 01773 (US). SIEVING, Alan, R. [US/US]; 48 Harris Street, Waltham, MA 02452-6105 (US).

(74) WALSH, Edmund, J.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01T

(11) WO 2004/095061 (13) A2

(21) PCT/US2004/012499

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en

(26) en

(30) 60/464,424 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SOLID-STATE BETA DETECTOR FOR MICROFLUIDIC DEVICES

• DETECTEUR BETA A SEMI-CONDUCTEURS DESTINE A DES DISPOSITIFS MICROFLUIDIQUES

(71) MOLECULAR TECHNOLOGIES INC. [US/US]; 6140 Bristol Parkway, Culver City, CA 90320 (US).

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(72, 75) ALVORD, William, C. [US/US]; 11905 Longstreet Place, Farragut, TN 37922 (US). BUCHANAN, Charles, R. [US/US]; 9524 Continental Drive, Knoxville, TN 37922 (US). MATTEO, Joseph, C. [US/US]; 217 Fenceraill Gap, Walland, 37886 (US). PADGETT, Henry, C. [US/US]; 1225 14th Street, Hermosa Beach, CA 90254 (US). COLLIER, Thomas, L. [US/US]; 88 Swan Court, Paramus, NJ 07652 (US).

(74) STEPHENS, Raymond, E. et al. / etc.; Pitts & Brittan, P.C., P.O. Box 51295, Knoxville, TN 37950-1295 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01T

(11) WO 2004/095062 (13) A2

(21) PCT/US2004/012571

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/420,932 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICES AND METHODS FOR DETERMINING THE AMOUNT OF ENERGY ABSORBED DURING IRRADIATION

• DISPOSITIFS ET PROCÉDES DE DETERMINATION DE LA QUANTITE D'ENERGIE ABSORBEE PENDANT UNE EXPOSITION ENERGETIQUE

(71) CLEARANT, INC. [US/US]; Suite 650, 11111 Santa Monica Boulevard, Los Angeles, CA 90025 (US).

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(72, 75) CALVERT, Glenn [US/US]; 9010 Bealls Farm Road, Frederick, MD 21704 (US). CLARK, David [US/US]; 574 Cline Drive West, Shawnee, CO 80475 (US). MACPHEE, Martin, J. [CA/US]; 12807 Tern Drive, North Potomac, MD 20878 (US).

KENT, Randall [US/US]; 3512 Radcliff, Thousand Oaks, CA 91360 (US). MCBAIN, Anna, L. [US/US]; 7809 Potters Mill Court, Derwood, MD 20855 (US). PEARCE, Bryant, O. [US/US]; 80 Ulmer Lane, North East, MD 21901 (US).

(74) SMYTH, Robert, J. et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, Northwest, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01T

(11) WO 2004/095063 (13) A2

(21) PCT/US2004/012700

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,790 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR SLOT SCANNING DIGITAL RADIOGRAPHY

• PROCÉDE ET APPAREIL DE RADIOGRAPHIE NUMERIQUE PAR BAYLAGE A FENTE

(63) US 60/464,790 (CIP) 23 Apr/avr 2003 (23.04.2003)

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West Seventh Street, Austin, TX 78701 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHAW, Chris, C. [US/US]; 5009 Pine Street, Bellaire, TX 77401 (US). LIU, Xinming [CN/US]; 8181 Fannin Street, Apt. 1128, Houston, TX 77054 (US).

(74) BAhLER, David, D.; Fulbright & Jaworski, LLP, 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G01T  
(11) WO 2004/095064 (13) A2  
(21) PCT/US2004/002558  
(22) 28 Jan/jan 2004 (28.01.2004)  
(25) en (26) en  
(30) 10/410,819 10 Apr/avr 2003 US (10.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD FOR DISPLAYING DIGITAL X-RAY IMAGE DATA AT HIGH RESOLUTION  
• METHODE POUR AFFICHER DES DONNEES D'IMAGES RADIOLOGIQUES NUMERIQUES DE HAUTE RESOLUTION  
(71) VARIAN MEDICAL SYSTEMS TECHNOLOGIES, INC. [US/US]; 3100 Hansen Way, M/S E-339, Palo Alto, CA 94304-1038 (US).  
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(72) COLBETH, Richard, E.; 1243 Richardson Avenue, Los Altos, CA 94024 (US).  
MOLLOV, Ivan, P.; 21100 White Fir Court, Cupertino, CA 95014 (US).  
(74) DALLA VALLE, Mark, A.; Vedder, Price, Kaufman & Kammholz, P.C., 222 N. LaSalle St., Suite 2400, Chicago, IL 60601 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G01T  
(11) WO 2004/095065 (13) A2  
(21) PCT/US2004/007273  
(22) 10 Mar/mar 2004 (10.03.2004)  
(25) en (26) en  
(30) 60/459,559 1 Apr/avr 2003 US (01.04.2003)  
(30) 10/789,007 27 Feb/fév 2004 US (27.02.2004)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • LITHIUM SALT OF POLYACETYLENE AS RADIATION SENSITIVE FILAMENTS AND PREPARATION AND USE THEREOF  
• SEL DE LITHIUM DE POLYACETYLENE SERVANT DE FILAMENTS SENSIBLES AUX RAYONNEMENTS, PREPARATION ET UTILISATION DE CELUI-CI  
(71) ISP INVESTMENTS INC. [US/US]; 300 Delaware Avenue, Wilmington, DE 19801 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72) ANYUMBA, Janette; 93B Traphagen Road, Wayne, NJ 07470 (US). LEWIS, David, F.; 54 Benedict Road, Monroe, CT 06468 (US). SHIH, Hsiao-Yi; 10 Windemere Court, Whippany, NJ 07981 (US). YU, Xiang; 15 Andover Avenue, Bridgewater, NJ 08807 (US).  
(74) MAUE, Marilyn, J. et al. / etc.; Legal Dept. Building 10, International Specialty Products, 1361 Alps Road, Wayne, NJ 07470 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G01T 1/164, G06T 11/00  
(11) WO 2004/095066 (13) A1  
(21) PCT/IB2004/050430  
(22) 14 Apr/avr 2004 (14.04.2004)  
(25) en (26) en  
(30) 03101102.6 22 Apr/avr 2003 EP (22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ATTENUATION MAP GENERATION FROM PET SCANS  
• GENERATION DE MAPPE D'ATTENUATION A PARTIR DE TRACES DE TOMOGRAPHIE PAR EMISSION DE POSITONS

- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).  
*(only for / seulement pour DE)*

- (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)*

- (72, 75) KÖHLER, Thomas [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).

- (74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> G01T 1/20, 1/24  
(11) WO 2004/095067 (13) A1  
(21) PCT/IB2004/001215  
(22) 14 Apr/avr 2004 (14.04.2004)  
(25) en (26) en  
(30) 03101126.5 24 Apr/avr 2003 EP (24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • X-RAY DETECTOR ELEMENT  
• ELEMENT DETECTEUR DE RAYONS X  
(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).  
*(only for / seulement pour DE)*

- (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)*

- (72, 75) SIMON, Matthias [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).  
NASCETTI, Augusto [IT/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

- (74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G01T 1/20, 1/29  
(11) WO 2004/095068 (13) A1  
(21) PCT/IB2004/050420  
(22) 13 Apr/avr 2004 (13.04.2004)  
(25) en (26) en  
(30) 03101128.1 24 Apr/avr 2003 EP (24.04.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DETECTOR ELEMENT FOR SPATIALLY RESOLVED DETECTION OF GAMMA RADIATION
- ELEMENT DETECTEUR POUR DETECTION PAR RESOLUTION SPATIALE DE RAYONNEMENT GAMMA
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).  
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf DE US)
- (72, 75) OVERDICK, Michael [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE). NASCETTI, Augusto [IT/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE). WIECZOREK, Herfried Karl [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).
- (74) MEYER, Michael; Philips Intellectual Property &, Standards GmbH Weissshausstr. 2, 52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> G01V
- (11) WO 2004/095070 (13) A2
- (21) PCT/US2004/012008
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en (26) en
- (30) 60/464,315 21 Apr/avr 2003 US (21.04.2003)
- (30) 10/781,130 17 Feb/fév 2004 US (17.02.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SEISMIC P-WAVE VELOCITY DERIVED FROM VIBRATOR CONTROL SYSTEM
- VITESSE DE L'ONDE P SISMIQUE DERIVEE D'UN SYSTEME DE COMMANDE DE VIBREUR
- (71) SAUDI ARABIAN OIL COMPANY [SA/SA]; R-3296, Administration Building, Dharam 31311 (SA).  
(for all designated States except / pour tous les États désignés sauf US)
- (71) ARAMCO SERVICES COMPANY [US/US]; 9009 West Loop South, Houston, TX 77096 (US).  
(only for / seulement pour US)
- (72, 75) AL-ALI, Mustafa, Naser [SA/SA]; Saudi Aramco, P.O. Box 2795, Dhahran 31311 (SA).
- (74) NATOLI, Anthony, J.; Abelman, Frayne & Schwab, 150 East 42nd Street, New York, NY 10017-5612 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)<sup>7</sup> G01T 1/29, 1/164
- (11) WO 2004/095069 (13) A1
- (21) PCT/IB2004/050418
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 03101125.7 24 Apr/avr 2003 EP (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DETECTOR ELEMENT FOR COMBINED DETECTION OF X-RADIATION AND GAMMA RADIATION
- ELEMENT DETECTEUR POUR LA DETECTION COMBINEE DE RAYONS X ET DE RAYONS GAMMA
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).  
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG
- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G01V
- (11) WO 2004/095071 (13) A2
- (21) PCT/US2004/012295
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 60/463,525 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • OBJECT DETECTION SYSTEM
- SYSTEME DE DETECTION D'OBJET
- (71, 72) SINCLAIR, Kenneth [US/US]; Ken Sinclair, 179 Allen Ave., Newton, MA 02468 (US). WEINSTEIN, Lee [US/US]; 35 Fairmont St. #3, Arlington, MA 02474 (US). GAINSBORO, Jay [US/US]; 697 Grove St., Framingham, MA 01701 (US).
- (74) WEINSTEIN, Lee; 35 Fairmont St. #3, Arlington, MA 02474 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G01V
- (11) WO 2004/095072 (13) A2
- (21) PCT/US2004/004313
- (22) 13 Feb/fév 2004 (13.02.2004)
- (25) en (26) en
- (30) 60/458,093 27 Mar/mar 2003 US (27.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD TO CONVERT SEISMIC TRACES INTO PETROPHYSICAL PROPERTY LOGS
- PROCEDE POUR CONVERTIR LES TRACES SISMQUES EN DIAGRAMMES DE PROPRIETES PETROPHYSIQUES
- (71) EXXONMOBIL UPSTREAM RESEARCH COMPANY [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YIN, Hezhu [US/US]; 4427 Greystone Way, Sugar Land, TX 77479 (US).



(74) KATZ, Gary, P. et al. / etc.; ExxonMobil Upstream Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US  
(u) for / pour US only / seulement

(51)<sup>7</sup> G01V

(11) WO 2004/095073 (13) A2

(21) PCT/US2004/004334

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 60/459,550 1 Apr/avr 2003 US (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SHAPED HIGH FREQUENCY VIBRATORY SOURCE  
• SOURCE VIBRATOIRE HAUTE FREQUENCE FACONNEE

(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY [US/US]; P.O. Box 2189, Houston, TX 77252-2189 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KROHN, Christine, E. [US/US]; 1827 Nocturne, Houston, TX 77043 (US).

(74) KATZ, Gary, P. et al. / etc.; ExxonMobil Upstream Research Company, P.O. Box 2189, Houston, TX 77252-2189 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> G01V

(11) WO 2004/095074 (13) A2

(21) PCT/US2004/007741

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/404,887 1 Apr/avr 2003 US (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPLICATION FOR LETTERS PATENT FOR SIMULTANEOUS INVERSION FOR SOURCE WAVELET AND AVO PARAMETERS FROM PRESTACK SEISMIC DATA  
• INVERSION SIMULTANEE POUR DES PARAMETRES D'ONDELETTES DE SOURCE ET D'AVO DE DONNEES SEISMiques PRE-SOMMATION

(71) CONOCOPHILLIPS COMPANY [US/US]; P.O. Box 4783, Houston, TX 77210-4783 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) ROUTH, Partha, Sarathi; 22418 Bristolwood Court, Katy, TX 77494 (US). ANNO, Phil, D.; 19807 Emerald Leaf Drive, Houston, TX 77094 (US). BAUMEL, Robert, T.; 129 Warwick Road, Ponca City, OK 74601 (US).

(74) MEIER, Patricia, A.; Conocophillips Company, 600 North Dairy Ashford, Houston, TX 77079 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G01V 1/16

(11) WO 2004/095075 (13) A2

(21) PCT/FR2004/000950

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/04817 17 Apr/avr 2003 FR (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE AND METHOD FOR MEASURING SEISMIC WAVES  
• DISPOSITIF ET PROCEDURE DE MESURE D'ONDES SISMiques

(71) COMPAGNIE GENERALE DE GEOPHYSIQUE [FR/FR]; 1, rue Léon Migaux, F-91341 Massy Cedex (FR). INSTITUT FRANCAIS DU PETROLE [FR/FR]; 1 et 4, avenue Bois Préau, F-92500 Rueil Malmaison (FR).

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(72, 75) MEUNIER, Julien [FR/FR]; 12, rue de Père Guérin, F-75013 Paris (FR). LOYEN, Jean-François [FR/FR]; c/o EMCI, 34-36, avenue Roger Hennequin, F-78190 Trappes (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G01V 3/08

(11) WO 2004/095076 (13) A1

(21) PCT/US2004/007704

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

- (30) 10/407,705 **3 Apr/avr 2003** US  
(03.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BURIED LINE LOCATOR WITH INTEGRAL POSITION SENSING  
• LOCALISATEUR DE CABLE SOUTERRAIN AVEC DETECTION DE POSITION INTEGREE
- (71) **METROTECH CORPORATION** [US/US]; 488 Tasman Drive, Sunnyvale, CA 94089 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PACEY, Gordon** [US/US]; 960 Weddell Drive #5, Sunnyvale, CA 94089 (US).
- (74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G01W 1/00**
- (11) **WO 2004/095078** (13) A1
- (21) PCT/US2004/001691
- (22) **22 Jan/jan 2004 (22.01.2004)**
- (25) en (26) en
- (30) 10/412,052 **11 Apr/avr 2003** US  
(11.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PASSIVE CLEAR AIR TURBULENCE DETECTION AVIONICS SYSTEM AND METHOD  
• SYSTEME ELECTRONIQUE PASSIF DE DETECTION DE TURBULENCES EN AIR CLAIR ET PROCEDE ASSOCIE
- (71) **GOODRICH AVIONICS SYSTEMS, INC.** [US/US]; 5353 52nd Street SE, Grand Rapids, MI 49512 (US).
- (72, 75) **DEVARASETTY, Krishna** [US/US]; 347 60th Street, S.E., Kentwood, MI 49548 (US). **RODGERS, Ken, L.** [US/US]; 3535 Manila Drive, Westerville, OH 43081 (US).
- (74) **ZITELLI, William, E.**; Calfee, Halter & Griswold LLP, 800 Superior Avenue, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> **G01V 3/38, G06F 19/00, E21B 49/00**
- (11) **WO 2004/095077** (13) A1
- (21) PCT/AU2004/000532
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 2003901934 **23 Apr/avr 2003** AU  
(23.04.2003)
- (30) 2003905974 **30 Oct/oct 2003** AU  
(30.10.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR PREDICTING PORE PRESSURE  
• PROCEDE PERMETTANT DE PRE-DIRE LA PRESSION INTERSTITIELLE
- (71) **COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Limestone Avenue, Campbell, Australian Capital Territory 2612 (AU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **SIGGINS, Anthony, Frederick** [AU/AU]; Unit 7, 5 MacLeod Road, Applecross, Western Australia 6153 (AU).
- (72, 75) **DODDS, Kevin** [AU/AU]; 86 Paramatta Road, Doubleview, Western Australia 6018 (AU). **DEWHURST, David** [GB/AU]; 6 Fitzgerald Court, Kingsley, Western Australia 6026 (AU). **CIZ, Radim** [CZ/AU]; 85/6 Hampton Street, Burswood, Western Australia 6001 (AU). **UROSEVIC, Milovan** [YU/AU]; 100A Alexander Street, Wembley, Western Australia 6014 (AU).
- (74) **GRIFFITH HACK**; Level 6, 256 Adelaide Terrace, Perth, Western Australia 6000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (30) 103 18 480.5 **23 Apr/avr 2003** DE  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR PRODUCING A COMPOSITE MATERIAL THAT CAN BE USED AS A PHOTONIC CRYSTAL  
• PROCEDE DE PRODUCTION D'UN MATERIAU COMPOSITE UTILISABLE EN TANT QUE CRISTAL PHOTO-NIQUE
- (71) **ITN NANOVATION GMBH** [DE/DE]; Untertürkheimer Strasse 25, 66117 Saarbrücken (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GÖBBERT, Christian** [DE/DE]; Ronnertweg 12, 66292 Riegelsberg (DE). **MEYER, Frank** [DE/DE]; Mainzer Strasse 28, 66111 Saarbrücken (DE). **NONNINGER, Ralph** [DE/DE]; Rosenstrasse 12, 66129 Saarbrücken (DE).
- (74) **RUFF, WILHELM, BEIER, DAUSTER UND PARTNER**; Kronenstrasse 30, 70174 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G02B**
- (11) **WO 2004/095080** (13) A2
- (21) PCT/US2004/011778
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 10/418,591 **16 Apr/avr 2003** US  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • APPARATUS AND METHODS FOR THERMAL REDUCTION OF OPTICAL DISTORTION  
• APPAREIL ET PROCEDES DE REDUCTION THERMIQUE DE DISTORSION OPTIQUE
- (71) **ULTRATECH, INC.** [US/US]; 3050 Zanker Road, San José, CA 95134 (US).
- (72) **MARKLE, David, A.**; 20690 Ritanna Court, Saratoga, CA 95070 (US).
- (74) **ALLSTON, Jones, L.**; Peters, Verny, Jones & Schmitt, L.L.P., 425 Sherman Avenue, Suite 230, Palo Alto, CA 94306 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- 
- Published / Publiée : (c)
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- (51)<sup>7</sup> **G02B**
- (11) **WO 2004/095079** (13) A2
- (21) PCT/EP2004/004295
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) de (26) de

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G02B

(11) WO 2004/095081 (13) A2

(21) PCT/US2004/011930

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,949 18 Apr/avr 2003 US  
(18.04.2003)

(30) 60/518,254 7 Nov/nov 2003 US  
(07.11.2003)

(30) 10/826,587 16 Apr/avr 2004 US  
(16.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR TELE-  
CENTRIC PROJECTION LENSES

- PROCEDE ET SYSTEME DE LEN-  
TILLES DE PROJECTION TELECENT-  
RIQUES

(71) QUANTUM VISION, INC. [US/US]; 686  
West Maude Avenue, Sunnyvale, California  
94085 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) TADIC-GALEB, Biljana [CA/US];  
283 Marjori Avenue, Thousand Oaks, Cali-  
fornia 91320 (US). FISCHER, Robert, E.  
[US/US]; 5717 Stone Mountain Lane, West-  
lake Village, California 91362 (US). OWEN,  
Larry, D. [US/US]; 246 East Voltaire Av-  
enue, Phoenix, Arizona 85022 (US).

(74) MEYER, Sheldon, R. et al. / etc.;  
FLIESLER MEYER LLP, Four Embar-  
cadero Center, Fourth Floor, San Francisco,  
California 94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)

EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> G02B

(11) WO 2004/095082 (13) A2

(21) PCT/US2004/012074

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/419,023 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR REDUCING INTERFERENCE IN AN OPTICAL DATA STREAM USING DATA-INDEPENDENT EQUALIZATION

- PROCEDE ET APPAREIL DE REDUC-  
TION DES INTERFERENCES DANS  
UN FLUX DE DONNEES OPTIQUES  
AU MOYEN D'UNE EGALISATION  
INDEPENDANTE DES DONNEES

(71) FINISAR CORPORATION [US/US]; 1308  
Moffett Park Drive, Sunnyvale, CA 94089  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) LENOSKY, Thomas, J.; 2000 Rock Street  
#6, Mountain View, CA 94043 (US).

(74) ISRAELSEN, Burns, R. et al. / etc.; Work-  
man Nydegger, 1000 Eagle Gate Tower, 60  
East South Temple, Salt Lake City, UT 84111  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G02B

(11) WO 2004/095083 (13) A2

(21) PCT/US2004/012100

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/417,657 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR DIS-  
TRIBUTING PUMP ENERGY TO AN  
OPTICAL AMPLIFIER ARRAY IN AN  
ASYMMETRIC MANNER

- PROCEDE ET APPAREIL DE DISTRI-  
BUTION D'ENERGIE DE POMPAGE  
A UN RESEAU D'AMPLIFICATEURS  
OPTIQUES D'UNE MANIERE ASYME-  
TRIQUE

(71) RED SKY SYSTEMS, INC. [US/US]; 115  
Corporate Blvd., So. Plainfield, NJ 07080  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NAGEL, Johathan, A. [—/US]; 416  
Clinton St., Brooklyn, NY 11031 (US).  
YOUNG, Mark, K. [—/US]; 4 Old Ridge  
Road, Monmouth Junction, NJ 08852 (US).  
DEVINCENTIS, David, S. [—/US]; 10  
Kennedy Drive, Flanders, NJ 07836 (US).

(74) MAYER, Stuart, H. et al. / etc.; Mayer  
Fortkort & Williams, PC, 251 North Avenue  
West, 2nd Floor, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G02B

(11) WO 2004/095084 (13) A2

(21) PCT/US2004/012505

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,938 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUB-MICRON PLANAR LIGHTWAVE  
DEVICES FORMED ON AN SOI OPTI-  
CAL PLATFORM

- DISPOSITIFS A ONDES LUMINEUSES  
PLANS ET SUBMICRONIQUES  
FORMES SUR UNE PLATE-FORME  
OPTIQUE SOI (SILICIUM SUR ISO-  
LANT)

(71) SIOPHCAL, INC. [US/US]; 7540 Windsor  
Drive, Lower Level, Allentown, PA 18195  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) GOTHOSKAR, Prakash [IN/US];  
6749 Windermere Court, Allentown, PA  
18104 (US). GHIRON, Margaret [US/US];  
1875 Sherwood Road, Allentown PA 18103  
(US). MONTGOMERY, Robert, Keith  
[US/US]; 810 Howe Street, Easton, PA  
18040 (US). PATEL, Vipulkumar [US/US];  
607 Falcongate Drive, Monmouth Junc-  
tion, NJ 08852 (US). SHASTRI, Kalpendu  
[US/US]; 5529 Willow Way, Orefield, PA  
18069 (US). PATHAK, Soham [US/US];  
6099 Palomino Drive, Allentown, PA 18106  
(US). YANUSHEFSKI, Katherine, A.  
[US/US]; 7487 Stein Road, Zionsville, PA  
18092 (US).

(74) KOBA, Wendy, W.; P.O. Box 556, Spring-  
town, PA 18081 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

**(51)<sup>7</sup> G02B**

(11) **WO 2004/095085** (13) A2

(21) PCT/US2004/002520

(22) **30 Jan/jan 2004 (30.01.2004)**

(25) en (26) en

(30) 10/413,162 **14 Apr/avr 2003** US (14.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PRESSURE ACTUATED SOLID SLUG OPTICAL LATCHING RELAY  
• RELAIS OPTIQUE A ENCLENCHEMENT ACTIONNE PAR PRESSION COMPRENANT UN BOUCHON SOLIDE

(71) **AGILENT TECHNOLOGIES, INC.** [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) **WONG, Marvin, Glenn**; 93 Honey Hill Lane, Woodland Park, CO 80863 (US).

(74) **WAY, Kyle, J.**; Intellectual Property Administration, MS: DL-429, Agilent Technologies, Inc., P.O. Box 7599, Loveland, CO 80537-0599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

**(51)<sup>7</sup> G02B**

(11) **WO 2004/095086** (13) A2

(21) PCT/US2004/008762

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 10/404,928 **31 Mar/mar 2003** US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONFORMAL COATINGS FOR MICRO-OPTICAL ELEMENTS  
• REVETEMENTS CONFORMES POUR ELEMENTS MICRO-OPTIQUES

(71) **PLANAR SYSTEMS, INC.** [US/US]; 1195 NW Compton Drive, Beaverton, OR 97006 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAULA, Jarmo, Ilmari** [FI/FI]; Reunaniitty 3 O, FIN-02200 Espoo (FI). **TÖRNQVIST, Runar, Olof, Ivar** [FI/FI]; Kirkkotie 17 B, FIN-02700 Kauniainen (FI).

(74) **FERRIS, Kassim, M.**; Steel Rives LLP, 900 SW Fifth Avenue, Suite 2600, Portland, OR 97204-1268 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**(51)<sup>7</sup> G02B 3/02, 1/04, C08L 35/02, B29C 39/10 // B29K 33:04, B29L 11:00**

(11) **WO 2004/095087** (13) A1

(21) PCT/JP2004/005655

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) ja (26) ja

(30) 2003-115659 **21 Apr/avr 2003** JP (21.04.2003)

(30) 2003-202637 **28 Jul/juil 2003** JP (28.07.2003)

(30) 2004-022264 **29 Jan/jan 2004** JP (29.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RESIN COMPOSITION FOR HYBRID LENS, METHOD FOR PRODUCING HYBRID LENS, HYBRID LENS AND LENS SYSTEM

• COMPOSITION DE RESINE POUR LENTILLE HYBRIDE, PROCEDE DE PRODUCTION DE LENTILLE HYBRIDE, LENTILLE HYBRIDE ET SYSTEME DE LENTILLE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 1630811 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOJIMA, Tadao** [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 3928502 (JP). **SHIMIZU, Akihiro** [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 3928502 (JP). **KOMATSU, Akira** [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 3928502 (JP).

(74) **KAMIYANAGI, Masataka et al.** / etc.; c/o Intellectual Property Division SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 3928502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**(51)<sup>7</sup> G02B 5/04, E06B 9/00, C03B 23/00, 23/207, B29C 65/02**

(11) **WO 2004/095088** (13) A1

(21) PCT/CH2004/000252

(22) **26 Apr/avr 2004 (26.04.2004)**

(25) de (26) de

(30) 731/03 **24 Apr/avr 2003** CH (24.04.2003)

(30) 1571/03 **15 Sep/sep 2003** CH (15.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TRANSPARENT, LIGHT CONDUCTING BODY AND METHOD FOR PRODUCING THE SAME  
• CORPS TRANSPARENT CONDUCTEUR LUMINEUX ET SON PROCEDE DE PRODUCTION

(71, 72) **ZWEIG, Frédéric** [CH/CH]; Waffenplatzstrasse 35, CH-8002 Zürich (CH).

(72, 75) **BÜHRER, Thomas** [CH/CH]; Streulistrasse 9, CH-8032 Zürich (CH).

(74) **IP & T RENTSCH UND PARTNER**; Postfach 2441, CH-8022 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G02B 5/12, E01F 9/04

(11) WO 2004/095089 (13) A1

(21) PCT/US2004/006503

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 2003-098035 1 Apr/avr 2003 JP (01.04.2003)

(30) 2003-170998 16 Jun/juin 2003 JP (16.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EMBEDDABLE REFLECTIVE MARKING DEVICE  
• DISPOSITIF DE MARQUAGE REFLECTANT INTEGRABLE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SAITOH, Junichi [JP/JP]; 5500, Osanagi, Higashine-city, Yamagata 999-3737 (JP).

(74) LILLY, James, V. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 5/30, B42D 15/10, G03H 1/18

(11) WO 2004/095090 (13) A1

(21) PCT/DE2004/000761

(22) 8 Apr/avr 2004 (08.04.2004)

(25) de (26) de

(30) 103 18 157.1 17 Apr/avr 2003 DE (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FILM AND OPTICAL ANTI-COUNTERFEITING ELEMENT

• FEUILLE ET ELEMENT DE SECURITE OPTIQUE

(71) LEONHARD KURZ GMBH & CO. KG [DE/DE]; Schwabacher Strasse 482, 90763 Fürth (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KATSCHOREK, Haymo [DE/DE]; Am Heckacker 15a, 90587 Obermichelbach (DE).  
SEITZ, Mathias [DE/DE]; Am Ruhstein 26, 91054 Buckenhof (DE).

(74) ZINSINGER, Norbert; Louis, Pöhlau, Lohrentz, Postfach 30 55, 90014 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 5/30, G02F 1/1335

(11) WO 2004/095091 (13) A1

(21) PCT/JP2004/005548

(22) 19 Apr/avr 2004 (19.04.2004)

(25) ja (26) ja

(30) 2003-115650 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POLARIZER, METHOD FOR PRODUCING SAME, POLARIZING PLATE, OPTICAL FILM AND IMAGE DISPLAY

• POLARISEUR, PROCEDE DE PRODUCTION, PLAQUE DE POLARISATION, FILM OPTIQUE ET AFFICHAGE D'IMAGE

(71) NITTO DENKO CORPORATION [JP/JP]; 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SAIKI, Yuuji [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP).  
USUI, Hideyuki [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP).  
KONISHI, Takahisa [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP).  
YOSHIDA, Takemichi [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP).

(74) SUZUKI, Takao et al. / etc.; 1-20, Nishinakajima 7-chome, Yodogawa-ku, Osaka-shi, Osaka, 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/12

(11) WO 2004/095092 (13) A1

(21) PCT/GB2004/001798

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 10/421,949 24 Apr/avr 2003 US (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN OPTICAL WAVEGUIDE STRUCTURE

• STRUCTURE DE GUIDE D'ONDES OPTIQUE

(71) MESOPHOTONICS LIMITED [GB/GB]; Chilworth Business Incubator, 2 Venture Road, Chilworth Science Park, Southampton SO16 7NP (GB).

(72) ZOOROB, Majd; 54 Park View, 5 Handel Road, Southampton SO15 2NY (GB).  
CHARLTON, Martin; 167 Manor Farm Road, Bitterne Park, Southampton SO18 1NY (GB).  
PARKER, Greg; 52 New Forest Drive, Brockenhurst, Hampshire SO42 7QW (GB).

(74) GILL JENNING & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/12

(11) WO 2004/095093 (13) A1

(21) PCT/JP2004/005615

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-118882 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL WAVEGUIDE, OPTOELECTRIC HYBRID SUBSTRATE, AND OPTOELECTRIC HYBRID SUBSTRATE PRODUCING METHOD

• GUIDE D'ONDE OPTIQUE, SUBSTRAT HYBRIDE OPTOELECTRIQUE ET

PROCEDE DE PRODUCTION D'UN  
SUBSTRAT HYBRIDE OPTOELEC-  
TRIQUE

(71) TAIYO INK MFG. CO., LTD. [JP/JP];  
7-1, Hazawa 2-chome, Nerima-ku, Tokyo  
1768508 (JP).

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(72, 75) ITOKAWA, Gen [JP/JP] KOJIMA,  
Hideaki [JP/JP] YONEDA, Naoki  
[JP/JP] ITOH, Nobuhito [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; c/o  
SUZUYE & SUZUYE, 7-2, Kasumigaseki  
3-chome, Chiyoda-ku, Tokyo 1000013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G02B 6/16, 6/34

(11) WO 2004/095094 (13) A1

(21) PCT/US2004/001724

(22) 22 Jan/jan 2004 (22.01.2004)

(25) en (26) en

(30) 10/393,219 20 Mar/mar 2003 US  
(20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LONG LENGTH FIBRE BRAGG GRAT-  
ING AND ITS FABRICATION METHOD  
• RESEAU DE BRAGG SUR FIBRE  
LONG ET SON PROCEDE DE FABRI-  
CATION

(71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3m Center, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) BRENNAN, James, F. [US/US]; 3M  
Austin Center, 6801 River Place Boulevard,  
Austin, TX 78726-9000 (US).

(74) ROSENBLATT, Gregg, H. et al. / etc.; Of-  
fice of Intellectual Property Counsel, Post Of-  
fice Box 33427, Saint Paul, MN 55133-3427  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Declarations / Déclarations :

*(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)*

*(t) for all designations / pour toutes les  
désignations*

(51)<sup>7</sup> G02B 6/16, 6/293

(11) WO 2004/095095 (13) A1

(21) PCT/US2004/003416

(22) 5 Feb/fév 2004 (05.02.2004)

(25) en (26) en

(30) 10/402,581 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ATHERMAL PACKAGE FOR FIBER  
BRAGG GRATINGS WITH COMPEN-  
SATION FOR NON-LINEAR THER-  
MAL RESPONSE

• BOITIER ATHERMIQUE DESTINE  
AUX GRILLES DE BRAGG A FIBRES  
DESTINEES A LA COMPENSATION A  
DES FINS DE REPOSE THERMIQUE  
NON LINEAIRE

(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).

(72) JOHNSON, Alan; 1265 Karie Ann Way, San  
Jose, CA 95118 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely  
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Boulevard, 7th Floor, Los Angeles, CA 90025  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> G02B 6/16, 6/12, C03C 25/60, 25/62, 3/06

(11) WO 2004/095096 (13) A1

(21) PCT/US2004/003918

(22) 10 Feb/fév 2004 (10.02.2004)

(25) en

(26) en

(30) 10/406,926 4 Apr/avr 2003 US  
(04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR THE  
PHOTOSENSITIZATION OF OPTICAL  
FIBER

• PROCEDE ET APPAREIL POUR LA  
PHOTOSENSIBILISATION DE FIBRES  
OPTIQUES

(71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3M Center, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).

*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) DOWER, William V., [US/US];  
3M Austin Center, 6801 River Place  
Boulevard, Austin, TX 78726-9000 (US).

VISWANATHAN, Nirmal K., [IN/US]; 3M  
Austin Center, 6801 River Place Boulevard,  
Austin, TX 78726-9000 (US). PAOLUCCI,  
Dora M., [US/US]; 3M Center, Post Office  
Box 33427, Saint Paul, MN 55133-3427  
(US). BARRERA, Michael D., [US/US];  
3M Center, Post Office Box 33427, Saint  
Paul, MN 55133-3427 (US).

(74) ROSENBLATT, Gregg H., et al. / etc.; Of-  
fice of Intellectual Property Counsel, Post Of-  
fice Box 33427, Saint Paul, MN 55133-3427  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

*(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)*

*(t) for all designations / pour toutes les  
désignations*

(51)<sup>7</sup> G02B 6/16

(11) WO 2004/095097 (13) A1

(21) PCT/US2004/005519

(22) 24 Feb/fév 2004 (24.02.2004)

(25) en

(26) en

(30) 10/392,652 **20 Mar/mar 2003** US  
(20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MAKING A SPUN OPTICAL FIBER WITH LOW POLARIZATION MODE DISPERSION

• PROCEDE DE FABRICATION DE FIBRES OPTIQUES FILEES AVEC FAIBLE DISPERSION DE POLARISATION DE MODE

(71) CORNING INCORPORATED [—/US]; 1 Riverfront Plaza, Corning, New York 14831 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Xin [CN/US]; 315 West Pulteney Street, Corning, New York 14830 (US). LI, Ming-Jun [US/US]; 10 Ambrose Drive, Horseheads, New York 14845 (US). MEYER, Jesse, C. [US/US]; 44 Avonwood Road, Apt. 115, Avon, Connecticut 06001 (US). PALMER, Oscar [US/US]; 10131 Bedrock Circle SE, Leland, NC 28451 (US).

(74) CARLSON, Robert, L.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, New York 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/16, H04B 10/08

(11) WO 2004/095098 (13) A1

(21) PCT/US2004/006058

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 60/458,046 **27 Mar/mar 2003** US  
(27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH DISPERSION, WIDE BAND DISPERSION COMPENSATING OPTICAL FIBER

• FIBRE OPTIQUE DE COMPENSATION DE DISPERSION DE BANDE LARGE DE HAUTE DISPERSION

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, New York 14831 (US).

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(72, 75) BICKHAM, Scott, R. [US/US]; 69 E. Fourth Street, Corning, New York 14830 (US). KOH, Joohyun [KR/US]; 170 Wygant Road, Apt. 12, Horseheads, New York 14845 (US). SUDARSHANAM, Venkatapuram, S. [IN/US]; 1103 Strawberry Lane, Big Flats, New York 14814 (US).

(74) WAYLAND, Randall, S.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, New York 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G02B 6/16

(11) WO 2004/095099 (13) A1

(21) PCT/US2004/008201

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/459,691 **1 Apr/avr 2003** US  
(01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PHOTONIC BAND GAP OPTICAL FIBER

• FIBRE OPTIQUE A LARGEUR DE BANDE INTERDITE PHOTONIQUE

(71) CORNING INCORPORATED [—/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

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(72, 75) GAETA, Alexander, L. [US/US]; 63 Cherry Road, Ithaca, NY 14850 (US). OUZOUNOV, Dmitre, G. [BG/US]; 201 Maple Ave. C, Ithaca, NY 14850 (US). GALLAGHER, Michael, T. [US/US]; 310 West Pulteney Street, Corning, NY 14830 (US). WEST, James, A. [US/US]; 1 East Chatfield Place, Painted Post, NY 14870 (US). KOCH, Karl, W., III [US/US]; 153 Lancelot Drive, Elmira, NY 14903 (US). VENKATARAMAN, Natesan [IN/US]; 88 West Second Street, Apt. #2, Corning, NY 14830 (US).

(74) SHORT, Svetlana, Z.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/26, 6/42

(11) WO 2004/095100 (13) A1

(21) PCT/US2004/001342

(22) 16 Jan/jan 2004 (16.01.2004)

(25) en (26) en

(30) 10/412,874 **14 Apr/avr 2003** US  
(14.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PRESSURE ACTUATED OPTICAL LATCHING RELAY

• RELAIS OPTIQUE DE VERROUILLAGE ACTIONNE PAR PRESSION

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).

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(72) WONG, Marvin, Glenn; 93 Honey Hill Lane, Woodland Park, CO 80863 (US).

(74) WAY, Kyle, J.; Intellectual Property Administration, MS: DL-429, Agilent Technologies, Inc., P.O. Box 7599, Loveland, CO 80537-0599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G02B 6/36

(11) WO 2004/095101 (13) A1

(21) PCT/US2004/007313

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/403,139 **31 Mar/mar 2003** US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • TWO-DIMENSIONAL OPTICAL FIBER ARRAY  
 • RESEAU DE FIBRES OPTIQUES BIDIMENSIONNEL

(71) CORNING INCORPORATED [—/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GARNER, Sean M [US/US]; 415 Foster Avenue, Elmira, NY 14905 (US). SUTHERLAND, James S [US/US]; 248 E. Second Street, Corning, NY 14830 (US).

(74) SCHAEBERLE, Timothy M; Corning Incorporated, SP-TI-3-1, Corning, New York 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/38

(11) WO 2004/095102 (13) A1

(21) PCT/US2004/009670

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/417,928 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FERRULE FOR USE IN FIBER OPTIC CONNECTORS

• FERRULE UTILISEE DANS DES CONNECTEURS DE FIBRES OPTIQUES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(72) YANG, Lizhang; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). COX, Larry R.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). LODER, Harry A.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). LURIE, Edward B.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) FLORCZAK, Yen T., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G02B 6/38

(11) WO 2004/095103 (13) A1

(21) PCT/US2004/009671

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/417,536 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS USEFUL FOR GUIDING FIBER OPTIC RIBBONS INTO FERRULES

• DISPOSITIF POUR GUIDER DES RUBANS DE FIBRES OPTIQUES DANS DES FERRULES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) YANG, Lizhang; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). LURIE, Edward, B.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) FLORCZAK, Yen, T. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G02B 6/42

(11) WO 2004/095104 (13) A1

(21) PCT/JP2004/003666

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-114531 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PACKAGE MODULE

• MODULE DE BOITIER

(71) MURATA MANUFACTURING CO, LTD. [JP/JP]; 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 617-8555 (JP).  
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(72, 75) OHTERA, Shozo [JP/JP]; c/o Murata Manufacturing CO., LTD., 26-10, Tenjin, 2-chome, Nagaokakyo-shi, Kyoto 617-8555 (JP).

(74) IGARASHI, Kiyoshi; Room 908, yokohamahigashiguchi Bldg., 10-13, takashima 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/43

(11) WO 2004/095105 (13) A1

(21) PCT/JP2004/005656

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 2003-115163 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTOELECTRONIC CIRCUIT BOARD WITH OPTICAL WAVEGUIDE AND OPTICAL BACKPLANE

• CARTE DE CIRCUIT OPTOELECTRONIQUE AVEC GUIDE D'ONDES OPTIQUE ET FACE ARRIERE OPTIQUE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).



(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWASAKI, Tatsuya [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/44

(11) WO 2004/095106 (13) A1

(21) PCT/JP2004/005671

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-118445 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL FIBER PRODUCING METHOD AND PRODUCING DEVICE, AND CLEANING DEVICE  
• PROCEDE ET DISPOSITIF DE PRODUCTION DE FIBRE OPTIQUE ET DISPOSITIF DE NETTOYAGE

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5410041 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABE, Yuji [JP/JP]; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 2448588 (JP). CHIBA, Koh [JP/JP]; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 2448588 (JP). AKAIKE, Nobuya [JP/JP]; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 2448588 (JP). HORI, Hiroshi [JP/JP]; c/o Yokohama Works of Sumitomo Electric Industries, Ltd., 1, Taya-cho, Sakae-ku, Yokohama-shi, Kanagawa 2448588 (JP).

(74) SANO, Ken-ichiro; Nagisa Patent Office, 9th Floor, Salute Bldg., 72, Yoshida-cho, Naka-ku, Yokohama-shi, Kanagawa 2310041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02B 6/44, 6/28

(11) WO 2004/095107 (13) A1

(21) PCT/US2004/012605

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/420,687 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOCAL CONVERGENCE CABINET FOR OPTICAL FIBER CABLE NETWORKS  
• ARMOIRE DE CONVERGENCE LOCALE POUR RESEAUX DE CABLES EN FIBRE OPTIQUE

(71) CORNING CABLE SYSTEMS LLC [US/US]; 800 17th Street N.W., PO Box 489, Hickory, NC 28603 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) CLAPP, Donnie, R., Jr.; 824 White Rock Street, Saginaw, TX 76179 (US). SMITH, Kelly, J.; 3154 Defay Road, Stevensville, MI 49127 (US). STRAUSE, Kevin, L.; 1000 Valle Vista Lane, Keller, TX 76248 (US).

(74) DREMANN, Christopher, C.; Corning Cable Systems LLC, 800 17th Street N.W., PO Box 489, Hickory, NC 28603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G02B 13/18, 13/22, 13/02, 9/34, 9/60, 27/18, H04N 5/74, 9/31

(11) WO 2004/095108 (13) A1

(21) PCT/US2004/003464

(22) 6 Feb/fév 2004 (06.02.2004)

(25) en (26) en

(30) 10/402,197 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW ELEMENT COUNT PROJECTION LENSES FOR USE WITH PIXELIZED PANELS  
• LENTILLES DE PROJECTION A FAIBLE COMPTE D'ELEMENT A UTILISER AVEC DES ECRANS PIXELISES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CANNON, Bruce, L. [US/US]; 3M, 9610 SW Sunshine Court No. 100, Portland, OR 97005 (US).

(74) BLACK, Bruce, E. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G02B 21/02

(11) WO 2004/095109 (13) A1

(21) PCT/EP2004/003043

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 18 264.0 23 Apr/avr 2003 DE (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLAT APOCHROMATIC MICROSCOPE LENS  
• OBJECTIF DE MICROSCOPE PLAN-APOCHROMATIQUE

(71) CARL ZEISS JENA GMBH [DE/DE]; Carl-Zeiss-Promenade 10, 07745 Jena (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATTHÄ, Manfred [DE/DE]; Dorothea-Veit-Str. 41, 07747 Jena (DE). DANZ, Rainer [DE/DE]; Lohbergstrasse 15, 37085 Göttingen (DE). FAHLBUSCH, Ingo [DE/DE]; Insterburger Weg 8, 37083 Göttingen (DE).

(74) CARL ZEISS JENA GMBH; Carl-Zeiss-Promenade 10, 07745 Jena (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK

DMDZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G02B 26/08, G03F 7/20

(11) WO 2004/095110 (13) A1

(21) PCT/EP2003/004283

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EXPOSURE CONTROL  
• REGULATION D'EXPOSITION

(71) FRAUNHOFER-GESELLSCHAFT ZUR  
FÖRDERUNG DER ANGEWANDTEN  
FORSCHUNG E.V. [DE/DE]; Hansastrasse  
27c, 80686 München (DE). MICRONIC  
LASER SYSTEMS AB [SE/SE]; P.O. Box  
3141, S-183 03 Täby (SE).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) DÜRR, Peter [DE/DE]; Alaunstrasse 96,  
01099 Dresden (DE). SANDSTRÖM, Torbjörn  
[SE/SE]; Micronic Laser Systems AB,  
P.O. Box 3141, S-183 03 Täby (SE).

(74) ZIMMERMANN, Tankred et al. / etc.;  
Schoppe, Zimmermann, Stöckeler & Zinkler,  
Postfach 246, 82043 Pullach bei München  
(DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI  
FR GB GR HU IE IT LU MC NL PT SE SI  
SK TR).

(51)<sup>7</sup> G02B 26/08, 6/10, B81B 3/00

(11) WO 2004/095111 (13) A2

(21) PCT/IL2004/000336

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,444 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SCANNING MIRROR  
• MIROIR DE BALAYAGE

(71) ELOP ELECTRO-OPTICS INDUS-  
TRIES LTD. [IL/IL]; P.O. Box 1165,  
Kiryat Weizmann, 76111 Rehovot (IL).  
TECHNION RESEARCH AND DEVEL-  
OPMENT FOUNDATION LTD. [IL/IL];  
Technion City, 32000 Haifa (IL).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) VELGER, Mordekhai [IL/IL]; 22  
Shin Bet-Zion Street, 76465 Rehovot (IL).  
BUCHER, Itzhak [IL/IL]; 28 Palmach  
Street, 34558 Haifa (IL). ZIMMERMAN,  
Yaron [IL/IL]; 8 Borochoy Street, 36046  
Kiryat Tivon (IL).

(74) KORAKH, Eliav; Borochoy, Korakh,  
Eliezri & Co., P.O. Box 58100, Kiryat  
Atidim, 61580 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G02F

(11) WO 2004/095112 (13) A2

(21) PCT/US2004/012236

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,491 21 Apr/avr 2003 US  
(21.04.2003)

(30) 10/828,898 21 Apr/avr 2004 US  
(21.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CMOS-COMPATIBLE INTEGRATION  
OF SILICON-BASED OPTICAL DE-  
VICES WITH ELECTRONIC DEVICES  
• INTEGRATION COMPATIBLE AVEC  
CMOS DE DISPOSITIFS OPTIQUES  
UTILISANT DU SILICIUM AVEC DES  
DISPOSITIFS ELECTRONIQUES

(71) SIOPTICAL, INC. [US/US]; 7540 Windsor  
Drive, Lower Level, Allentown, PA 18195  
(US).

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les États désignés sauf US)*

(71, 72) PATEL, Vipulkumar [US/US]; 607  
Falcongate Drive, Monmouth Junction, NJ  
08852 (US). GHIRON, Margaret [US/US];  
1875 Sherwood Road, Allentown, PA 18103  
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18069 (US). PATHAK, Soham [US/US];  
6099 Palomino Drive, Allentown, PA 18106  
(US). YANUSHEFSKI, Katherine, A.  
[US/US]; 7487 Stein Road, Zionsville, PA  
18092 (US).

(74) KOBA, Wendy, W.; P.O. Box 556, Spring-  
town, PA 18081 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

*(t) for all designations / pour toutes les  
désignations*

(51)<sup>7</sup> G02F

(11) WO 2004/095113 (13) A2

(21) PCT/US2004/004082

(22) 12 Feb/fév 2004 (12.02.2004)

(25) en (26) en

(30) 60/457,615 26 Mar/mar 2003 US  
(26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN AUTOMATED POLARIZED LIGHT  
MICROSCOPE COMBINED WITH A  
SPECTROSCOPY/SPECTRAL IMAG-  
ING APPARATUS  
• MICROSCOPE AUTOMATISE A LU-  
MIERE POLARISEE COMBINE A UN  
APPAREIL DE SPECTROSCOPIE/IMA-  
GERIE SPECTRALE

(71) CARGILL, INCORPORATED [US/US];  
15407 McGinty Road West, Wayzata, MN  
55391 (US).  
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les États désignés sauf US)*

(72, 75) LEVERETTE, Chad [US/US]; 5151  
Creek Cove, Arlington, TN 38002 (US).  
SMITH, Sean A. [US/US]; 1747 Caruther  
Pl, Memphis, TN 38112 (US).

(74) CHALETSKY, Lawrence, A.; Law 24,  
15407 McGinty Road West, Wayzata, MN  
55391 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> G02F 1/00

(11) WO 2004/095114 (13) A2

(21) PCT/EP2004/004330

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 20306408.9 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTROCHROMIC PROFILED  
GLASS MODULE AND FAÇADE ELE-  
MENTS FORMED THEREFROM  
• MODULE DE VERRE FAÇONNE  
ELECTROCHROME ET ELEMENTS  
DE FAÇADE QU'ILS PERMETTENT  
DE CONSTITUER

(71) **INSTITUT FÜR NEUE MATERIALIEN GEMEINNÜTZIGE GMBH** [DE/DE]; Im Stadtwald, Gebäude 43, 66123 Saarbrücken (DE).

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(72, 75) **MENNIG, Martin** [DE/DE]; Mittelstrasse 5, 66287 Quierschied (DE).  
**SCHMIDT, Helmut** [DE/DE]; Im Königsfeld 29, 66130 Saarbrücken (DE).

(74) **BARZ, Peter**; Kaiserplatz 2, 80803 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/025

(11) WO 2004/095115 (13) A1

(21) PCT/US2004/005939

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 10/397,667 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR PHASE SHIFTING AN OPTICAL BEAM IN AN OPTICAL DEVICE

• PROCEDE ET APPAREIL DE DECALAGE DE PHASE D'UN FAISCEAU OPTIQUE DANS UN DISPOSITIF OPTIQUE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **NICOLAESCU, Remus**; 2344 Van Ness Avenue, #3, San Francisco, CA 94109 (US).  
**JONES, Richard**; 2069 Avenida De La Flores, Santa Clara, CA 95054 (US).

(74) **MALLIE, Michael, J. et al.** / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/025

(11) WO 2004/095116 (13) A1

(21) PCT/US2004/007825

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/422,142 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR PHASE SHIFTING AN OPTICAL BEAM IN AN OPTICAL DEVICE WITH REDUCED CONTACT LOSS

• PROCEDE ET APPAREIL POUR LE DEPHASAGE D'UN FAISCEAU OPTIQUE DANS UN DISPOSITIF OPTIQUE AVEC PERTE DE CONTACT REDUITE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) **LIU, Ansheng**; 7375 Rollingdell Drive #28, Cupertino, CA 95014 (US).

(74) **MALLIE, Michael, J.**; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G02F 1/1333, 1/1335, G02B 3/00

(11) WO 2004/095117 (13) A1

(21) PCT/KR2004/000917

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ko (26) en

(30) 10-2003-0025099 21 Apr/avr 2003 KR (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MICROLENS SUBSTRATE FOR LIQUID CRYSTAL DISPLAY DEVICE

• SUBSTRAT SUPERIEUR, AFFICHAGE A CRISTAUX LIQUIDES, PROJETEUR A CRISTAUX LIQUIDES ET PROCEDE DE FABRICATION D'UN PANNEAU D'AFFICHAGE A CRISTAUX LIQUIDES

(71) **ILJIN DIAMOND CO. LTD** [KR/KR]; 614-2, ORYU-RI, DAESO-MYEON, UMSUNG-GUN, CHUNGCHONGBUK-DO 369-824 (KR).

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(72, 75) **YUH, Jin-Tae** [KR/KR]; 2002-HO, 118-DONG, SSANGYONG MINSOKMAEUL APT., 553, BORA-RI, GIHEUNG-EUP, YONGIN-SI, GYEONGGI-DO 449-904 (KR).

(74) **PARK, KYEONGHUN**; SEOULTECH INT'L PATENT & LAW FIRM, 2FL., KUMMA BLDG., 827-24, YEOKSAM-DONG, KANGNAM-GU, SEOUL 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/1334, 1/13

(11) WO 2004/095118 (13) A1

(21) PCT/JP2003/017041

(22) 26 Dec/déc 2003 (26.12.2003)

(25) ja (26) ja

(30) 2003-115808 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIGHT CONTROL BODY AND LAMINATED GLASS

• CORPS MODULANT LA LUMIERE ET VERRE LAMINE

(71) **NIPPON SHEET GLASS COMPANY, LIMITED** [JP/JP]; 1-7, Kaigan 2-Chome., Minato-ku., Tokyo1058552 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **YANO, Yuichi** [JP/JP]; c/o Nippon Sheet Glass, Company, Limited, 1-7, Kaigan 2-chome, Minato-ku, Tokyo 105-8552 (JP).

(74) **WATANABE, Toshihiko**; No.5 Mori Bldg. 8th Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CN KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> G02F 1/1335, G02B 5/02

(11) WO 2004/095119 (13) A1

(21) PCT/JP2004/005754

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-116687 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIQUID CRYSTAL DISPLAY UNIT, AND DISPLAY UNIT PROVIDED WITH IT

• UNITE D'AFFICHAGE A CRISTAUX LIQUIDES ET UNITE D'AFFICHAGE DOTE DE CELLE-CI

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).

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(72, 75) ISHIZUMI, TakashiYAMAHARA, Motohiro

(74) HARA, Kenzo et al. / etc.; Harakenzo World Patent & Trademark Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku Osaka-shi, Osaka 5300041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/1339

(11) WO 2004/095120 (13) A1

(21) PCT/IB2004/050482

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03101115.8 23 Apr/avr 2003 EP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIQUID CRYSTAL DISPLAY DEVICE AND MANUFACTURING METHOD

• DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES ET PROCEDE DE FABRICATION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SLIKKERVEER, Peter, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BOUTEN, Petrus, C., P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TOUWSLAGER, Fredericus, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DEN TOONDER, Jacob, M., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) RAAP, Adriaan, Y.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G02F 1/167

(11) WO 2004/095121 (13) A1

(21) PCT/IB2004/050492

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03101133.1 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTROPHORETIC DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE ELECTROPHORETIQUE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHOELLMANN, Volker [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ZHOU, Guofu [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOHNSON, Mark, T. [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ROLFES, Johannes, G., A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG

ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G02F 1/167

(11) WO 2004/095122 (13) A1

(21) PCT/JP2004/005737

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 2003-115959 21 Apr/avr 2003 JP (21.04.2003)

(30) 2004-121777 16 Apr/avr 2004 JP (16.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISPLAY APPARATUS  
• DISPOSITIF AFFICHEUR

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

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(72, 75) TOGANO, Takeshi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). IKEDA, Tsutomu [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). UKIGAYA, Nobutaka [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G02F 1/225, 1/065

(11) WO 2004/095123 (13) A1

(21) PCT/US2004/003285

(22) 5 Feb/fév 2004 (05.02.2004)

(25) en (26) en

(30) 60/455,978 19 Mar/mar 2003 US (19.03.2003)

(30) 10/658,218 9 Sep/sep 2003 US (09.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTROOPTIC MODULATORS AND WAVEGUIDE DEVICES INCORPORATING THE SAME

• MODULATEURS ELECTROOPTIQUES ET GUIDES D'ONDES COMPRENANT CES MODULATEURS ELECTROOPTIQUES

- (71) **OPTIMER PHOTONICS, INC.** [US/US]; 505 King Avenue, Columbus, OH 43201 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **RIDGWAY, Richard, W.** [US/US]; 631 Hickory View Court, Westerville, OH 43071 (US). **RISSER, Steven, M.** [US/US]; 8991 Kingsley Drive, Reynoldsburg, OH 43068 (US). **MCGINNIS, Vincent** [US/US]; Post Office Box 702, Sunbury, OH 43074 (US). **NIPPA, David, W.** [US/US]; 7262 Hopewell Court, Dublin, OH 43017 (US).
- (74) **BEYER, James, E. et al. / etc.;** Dinsmore & Shohl LLP, One Dayton Centre, Suite 500, One South Main Street, Dayton, OH 45402-2023 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G02F 1/39**
- (11) **WO 2004/095124** (13) A1
- (21) PCT/JP2004/005803
- (22) **22 Apr/avr 2004 (22.04.2004)**
- (25) ja (26) ja
- (30) 2003-117055 **22 Apr/avr 2003** JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SINGLE-PHOTON GENERATOR  
• GENERATEUR DE PHOTON UNIQUE
- (71) **NIHON UNIVERSITY** [JP/JP]; 8-24, Kudan-Minami 4-chome, Chiyoda-ku, Tokyo, 1028275 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **INOUE, Shuichiro** [JP/JP]; c/o Nihon University 8-24, Kudan-Minami 4-chome, Chiyoda-ku, Tokyo, 1028275 (JP).
- (74) **YEN, Masaaki, et al. / etc.;** Entech Patent Firm 2-41-305, Hiyakunin-cho 2-chome, Shinjuku-ku, Tokyo, 1690073 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G03B 21/62, G02B 3/00, 3/06**
- (11) **WO 2004/095126** (13) A1
- (21) PCT/JP2004/005906
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) ja (26) ja
- (30) 2003-120379 **24 Apr/avr 2003** JP (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TRANSMISSION SCREEN  
• ECRAN DE TRANSMISSION
- (71) **DAI NIPPON PRINTING CO. LTD.** [JP/JP]; 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MIYATA, Hideki** [JP/JP]; c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-kaga-cho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP).
- (74) **YOSHITAKE, Kenji et al. / etc.;** Kyowa Patent & Law Office, Room 323, Fuji Bldg.,
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G03B**
- (11) **WO 2004/095125** (13) A2
- (21) PCT/US2004/007507
- (22) **11 Mar/mar 2004 (11.03.2004)**
- (25) en (26) en
- (30) 10/421,526 **21 Apr/avr 2003** US (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR DISPLAYING PROJECTOR SYSTEM IDENTIFICATION INFORMATION  
• SYSTEME ET PROCEDE D'AFFICHAGE D'INFORMATIONS D'IDENTIFICATION POUR UN SYSTEME DE PROJECTION
- (71) **INFOCUS CORPORATION** [US/US]; 27700B S.W. Parkway Avenue, Wilsonville, OR 97070 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **CAMBRON, Michael, J.;** 117 Callery Pear Drive, Batesville, IN 47006 (US).
- (74) **MCCOY, B., Anna;** Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- (51)<sup>7</sup> **G03C 1/047, 7/44, 7/407**
- (11) **WO 2004/095127** (13) A1
- (21) PCT/JP2003/005147
- (22) **23 Apr/avr 2003 (23.04.2003)**
- (25) ja (26) ja
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF PROCESSING SILVER HALIDE PHOTOGRAPHIC LIGHT-SENSITIVE MATERIAL  
• PROCEDE DE TRAITEMENT D'UN MATERIAU PHOTOLENABLE PHOTOGRAPHIQUE A BASE D'HALOGENURE D'ARGENT
- (71) **KONICA PHOTO IMAGING CORPORATION** [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NISHIJIMA, Toyoki** [JP/JP]; c/o Konica Photo Imaging Corporation, 1, Sakuramachi, Hino-shi, Tokyo 191-8511 (JP).
- (81) BR CN ID IN JP KR MX PH PL RU SG US VN.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).
- 
- (51)<sup>7</sup> **G03C 1/047, 7/407, 7/44, 7/392**
- (11) **WO 2004/095128** (13) A1
- (21) PCT/JP2003/005148
- (22) **23 Apr/avr 2003 (23.04.2003)**
- (25) ja (26) ja
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF PROCESSING SILVER HALIDE PHOTOGRAPHIC LIGHT-SENSITIVE MATERIAL  
• PROCEDE DE TRAITEMENT D'UN MATERIAU PHOTOLENABLE PHOTOGRAPHIQUE A BASE D'HALOGENURE D'ARGENT
- (71) **KONICA PHOTO IMAGING CORPORATION** [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **NISHIJIMA, Toyoki** [JP/JP]; c/o Konica Photo Imaging Corporation, 1, Sakuramachi, Hino-shi, Tokyo 191-8511 (JP).

(81) BR CN ID IN JP KR MX PH PL RU SG US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)<sup>7</sup> G03C 1/047, 1/37, 1/34, 7/407, 7/44, 7/392

(11) WO 2004/095129 (13) A1

(21) PCT/JP2003/005149

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SILVER HALIDE PHOTOGRAPHIC LIGHTSENSITIVE MATERIAL AND METHOD OF PROCESSING THE SAME

• MATERIAU PHOTOSENSIBLE PHOTOGRAPHIQUE A BASE D'HALOGENURE D'ARGENT ET PROCEDE DE TRAITEMENT DUDIT MATERIAU

(71) KONICA PHOTO IMAGING CORPORATION [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIJIMA, Toyoki [JP/JP]; c/o Konica Photo Imaging Corporation, 1, Sakuramachi, Hino-shi, Tokyo 191-8511 (JP).

(81) BR CN ID IN JP KR MX PH PL RU SG US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> G03C 1/047, 7/407, 7/392, 7/44

(11) WO 2004/095130 (13) A1

(21) PCT/JP2003/005150

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF PROCESSING SILVER HALIDE PHOTOGRAPHIC LIGHTSENSITIVE MATERIAL

• PROCEDE DE TRAITEMENT D'UN MATERIAU PHOTOGRAPHIQUE PHOTOSENSIBLE A L'HALOGENURE D'ARGENT

(71) KONICA PHOTO IMAGING CORPORATION [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIJIMA, Toyoki [JP/JP]; c/o Konica Photo Imaging Corporation, 1, Sakuramachi, Hino-shi, Tokyo 191-8511 (JP).

(81) BR CN ID IN JP KR MX PH PL RU SG US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> G03C 1/047, 7/392, 7/407, 7/44, 1/035

(11) WO 2004/095131 (13) A1

(21) PCT/JP2003/005151

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SILVER HALIDE PHOTOGRAPHIC LIGHTSENSITIVE MATERIAL AND METHOD OF PROCESSING THE SAME

• MATERIAU PHOTOGRAPHIQUE PHOTOSENSIBLE A L'HALOGENURE D'ARGENT, ET SON PROCEDE DE TRAITEMENT

(71) KONICA PHOTO IMAGING CORPORATION [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIJIMA, Toyoki [JP/JP]; c/o Konica Photo Imaging Corporation, 1, Sakuramachi, Hino-shi, Tokyo 191-8511 (JP).

(81) BR CN ID IN JP KR MX PH PL RU SG US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> G03C 1/047, 7/407, 7/392, 7/44

(11) WO 2004/095132 (13) A1

(21) PCT/JP2003/005152

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SILVER HALIDE PHOTOGRAPHIC LIGHTSENSITIVE MATERIAL AND METHOD OF PROCESSING THE SAME

• MATERIAU PHOTOGRAPHIQUE PHOTOSENSIBLE A L'HALOGENURE D'ARGENT, ET SON PROCEDE DE TRAITEMENT

(71) KONICA PHOTO IMAGING CORPORATION [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIJIMA, Toyoki [JP/JP]; c/o Konica Photo Imaging Corporation, 1, Sakuramachi, Hino-shi, Tokyo 191-8511 (JP).

(81) BR CN ID IN JP KR MX PH PL RU SG US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> G03C 1/76, 7/00, 5/08

(11) WO 2004/095133 (13) A1

(21) PCT/JP2003/005146

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF FORMING IMAGE WITH SILVER HALIDE COLOR PHOTOGRAPHIC LIGHTSENSITIVE MATERIAL AND SILVER HALIDE COLOR PHOTOGRAPHIC LIGHTSENSITIVE MATERIAL

• FORMATION D'UNE IMAGE A L'AIDE D'UN MATERIAU PHOTOSENSIBLE PHOTOGRAPHIQUE COULEUR A BASE D'HALOGENURE D'ARGENT ET MATERIAU PHOTOSENSIBLE PHOTOGRAPHIQUE COULEUR A BASE D'HALOGENURE D'ARGENT

(71) KONICA PHOTO IMAGING CORPORATION [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYAZAWA, Kazuhiro [JP/JP]; c/o Konica Photo Imaging Corporation, 1, Sakuramachi, Hino-shi, Tokyo 191-8511 (JP).

(81) BR CN ID IN JP KR MX PH PL RU SG US VN.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR).

(51)<sup>7</sup> G03F

(11) WO 2004/095134 (13) A2

(21) PCT/IB2004/050480

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03101104.2 23 Apr/avr 2003 EP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PHOTOLITHOGRAPHIC PROCESS, STAMPER, USE OF SAID STAMPER AND OPTICAL DATA STORAGE MEDIUM

• PROCEDE PHOTOLITHOGRAPHIQUE, MATRICE DE PRESSAGE, UTILISATION DE LADITE MATRICE ET SUPPORT DE STOCKAGE DE DONNEES OPTIQUES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEIJZEN, Jacobus, H., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN SANTEN, Helmar [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) UITTENBOGAARD, Frank; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> G03F

(11) WO 2004/095135 (13) A2

(21) PCT/US2004/011287

(22) 12 Apr/avr 2004 (12.04.2004)

(25) en (26) en

(30) 60/464,392 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL ARRANGEMENT OF AUTO-  
FOCUS ELEMENTS FOR USE WITH  
IMMERSION LITHOGRAPHY

• DISPOSITIF OPTIQUE D'ELEMENTS A  
MISE AU POINT AUTOMATIQUE DES-  
TINE A ETRE UTILISE EN LITHOGRA-  
PHIE PAR IMMERSION

(71) NIKON CORPORATION [JP/JP]; 2-3  
Marunouchi, 3-Chome, Chiyoda-ku, Tokyo,  
100-8331 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NOVAK, W., Thomas [US/US]; 1205  
Lakeview Drive, Hillsborough, CA 94010  
(US).

(74) NISHIMURA, Keiichi; Beyer Weaver &  
Thomas, LLP, P.O. Box 778, Berkeley, CA  
94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G03F 1/00

(11) WO 2004/095136 (13) A2

(21) PCT/EP2004/004161

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de (26) de

(30) 103 18 560.7 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ARRANGEMENT FOR INSPECTING  
OBJECTS, ESPECIALLY MASKS IN  
MICROLITHOGRAPHY

• SYSTEME POUR INSPECTER DES OB-  
JETS, NOTAMMENT DES MASQUES  
EN MICROLITHOGRAPHIE

(71) CARL ZEISS SMS GMBH [DE/DE]; Carl-  
Zeiss-Promenade 10, 07745 Jena (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DOBSCHAL, Hans-Jürgen [DE/DE];  
Am Kötschauer Weg 26a, 99510 Klein-  
romstedt (DE). HARNISCH, Wolfgang  
[DE/DE]; Am Müllergraben 4, 07778  
Lehesten (DE). SCHERÜBL, Thomas  
[DE/DE]; Kronfeldstrasse 2a, 07745 Jena  
(DE). ROSENKRANZ, Norbert [DE/DE];  
Am Stichel 30, 07629 Reichenbach (DE).  
SEMMLER, Ralph [DE/DE]; Otto-En-  
gau-Strasse 4, 07749 Jena (DE).

(74) HAMPE, Holger; Carl Zeiss Jena GmbH,  
Carl-Zeiss-Promenade 10, 07745 Jena (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G03F 7/20, G02B 17/06

(11) WO 2004/095137 (13) A1

(21) PCT/EP2003/004245

(22) 24 Apr/avr 2003 (24.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROJECTION OPTICAL SYSTEM

• SYSTEME OPTIQUE DE PROJECTION

(71) CARL ZEISS SMT AG [DE/DE];  
Carl-Zeiss-Strasse 22, 73447 Oberkochen  
(DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) FEHR, Jean-Noel [CH/CH]; 8, avenue  
des Cerisiers, CH-1009 Pully (CH). MANN,  
Hans-Jürgen [DE/DE]; Katzenbachstrasse  
49, 73447 Oberkochen (DE). ZELLNER,  
Johannes [DE/DE]; Im Mahd 4, 73447  
Oberkochen (DE).

(74) OSTERTAG, Ulrich et al. / etc.; Eibenweg  
10, 70597 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PH PL PT  
RO RU SC SD SE SG SK SL TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> G03F 7/20, H01J 37/317

(11) WO 2004/095138 (13) A2

(21) PCT/EP2004/050610

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 03009333.0 24 Apr/avr 2003 EP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MICROMACHINING PROCESS, SYS-  
TEM AND PRODUCT

• SYSTEME ET PRODUIT DE MICRO-  
USINAGE

(71) FONDATION CAFI [CH/CH]; Jamb-  
Ducommun 8a, CH-2400 Le Locle (CH).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) JACCARD, Samuel [CH/CH]; Ch.  
des Tertres 3, CH-2019 Chambrelieu (CH).  
MIKHAILOV, Serguei [RU/CH]; Sentier du  
Ministre 22, CH-2014 Bôle (CH). MUNNIK,  
Frans [NL/CH]; Route Bellevue, CH-2400  
Le Locle (CH).

(74) SAAM, Christophe; Patents and Technol-  
ogy Surveys SA, Rue des Terreaux 7, P.O.  
Box 2848, CH-2001 Neuchâtel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL  
SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G03F 7/20, G02F 1/03, G11B 7/26

(11) WO 2004/095139 (13) A1

(21) PCT/JP2004/004466

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-117404 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EXPOSING SYSTEM, EXPOSING  
METHOD, PROCESS FOR PRODUC-  
ING STAMPER, AND PROCESS FOR  
PRODUCING OPTICAL RECORDING  
MEDIUM

• SYSTEME D'EXPOSITION, METHODE  
D'EXPOSITION, PROCEDE PERMET-  
TANT DE PRODUIRE UNE MATRICE  
DE PRESSAGE ET PROCEDE PER-  
METTANT DE PRODUIRE UN SUP-  
PORT D'ENREGISTREMENT OPTIQUE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Ni-  
honbashi, Chuo-ku, Tokyo 1038272 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) OYAKE, Hisaji [JP/JP]; c/o TDK COR-  
PORATION, 1-13-1, Nihonbashi, Chuo-ku,  
Tokyo 1038272 (JP). TAKAHATA, Hiroaki  
[JP/JP]; c/o TDK CORPORATION, 1-13-1,

- Nihonbashi, Chuo-ku, Tokyo 1038272 (JP). **KAWAGUCHI, Yuuichi** [JP/JP]; c/o TDK CORPORATION, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).
- (74) **MATSUYAMA, Keisuke** et al. / etc.; Minami-Shinjuku Bldg., 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 1510053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G03F 7/20**
- (11) **WO 2004/095140** (13) A2
- (21) PCT/US2003/040315
- (22) **15 Dec/déc 2003 (15.12.2003)**
- (25) en (26) en
- (30) 10/394,412 **20 Mar/mar 2003 US (20.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **DUAL HEMISPHERICAL COLLECTORS**
- **COLLECTEURS HEMISPHERIQUES DOUBLES**
- (71) **INTEL CORPORATION (a Delaware Corporation)** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **GOLDSTEIN, Michael**; 6 Bob Hill Road, Ridgefield, CT 06877 (US). **SILVERMAN, Peter**; 2151 Byron Street, Palo Alto, CA 94301 (US).
- (74) **HARRIS, Scott, C.** et al. / etc.; Fish & Richardson, P.C., 12390 El Camino Real, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G03F 7/30**
- (11) **WO 2004/095141** (13) A1
- (21) PCT/EP2003/004272
- (22) **24 Apr/avr 2003 (24.04.2003)**
- (25) en (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **METHOD AND APPARATUS FOR REFRESHMENT AND REUSE OF LOADED DEVELOPER**
- **PROCEDE ET APPAREIL DE REGENERATION ET DE REUTILISATION D'UN REVELATEUR CHARGE**
- (71) **KODAK POLYCHROME GRAPHICS GMBH** [DE/DE]; An der Bahn 80, 37520 Osterode/Harz (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FIEBAG, Ulrich** [DE/DE]; Rosenweg 16, 31688 Nienstaedt (DE). **TIMPE, Hans-Joachim** [DE/DE]; Baumhofstrasse 165, 37520 Osterode (DE). **TONDOCK, Uwe** [DE/DE]; Langer Hagen 50, 37520 Osterode-Nienstedt (DE). **VIHS, Andreas** [DE/DE]; Bachstrasse 3, 37520 Osterode-Dorste (DE).
- (74) **VOSSIUS & PARTNER**; Siebertstrasse 4, 81675 Munich (DE).
- (81) CN JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- 
- (51)<sup>7</sup> **G03F 7/42**
- (11) **WO 2004/095142** (13) A1
- (21) PCT/KR2004/000935
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 10-2003-0026029 **24 Apr/avr 2003 KR (24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **RESIST COMPOSITION AND ORGANIC SOLVENT FOR REMOVING RESIST**
- **COMPOSITION DE RESINE ET SOLVANT ORGANIQUE UTILISE POUR ELIMINER CETTE RESERVE**
- (71) **CLARIANT INTERNATIONAL LTD** [CH/CH]; Rothausstrasse 61, CH-4132, Muttenz 1, CH- Muttenz (CH).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KANG, Doek-Man** [KR/KR]; Dong-A apt. 108-402, Jamwon-dong 66-3, Seocho-gu, Seoul 137-948 (KR). **OH, Sae-Tae** [KR/KR]; Dongsung-hyosung apt. 202-302, Vision-2 dong, Pyongtaek, Kyonggi province 450-728 (KR). **KWON, Hyuk-Joong** [KR/KR]; Buyong apt. 101-1104, Manjong-ri, Kongdo-cup, Ansong, Kyonggi-province 456-823 (KR). **NAITO, Eiji** [JP/JP]; c/o Clariant (Japan) K.K., Center Office 9th Floor., Bunkyo Green Court, 28-8, Honkomagome 2-chome, Bunkyo-ku Tokyo, Tokyo 113-8662 (JP).
- (74) **LEE, Byong-Ho**; 5th Fl. Korea Reinsurance Bldg., 80 Soosong-dong., Chongro-ku, P.O. Box 356, Seoul 110-140 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G03G 5/05, 5/06**
- (11) **WO 2004/095143** (13) A1
- (21) PCT/JP2003/015967
- (22) **12 Dec/déc 2003 (12.12.2003)**
- (25) ja (26) ja
- (30) 2002-362325 **13 Dec/déc 2002 JP (13.12.2002)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **ELECTROPHOTOGRAPHIC PHOTORECEPTOR AND, INCLUDING THE ELECTROPHOTOGRAPHIC PHOTORECEPTOR, DRUM CARTRIDGE AND IMAGE FORMING APPARATUS**
- **PHOTORECEPTEUR ELECTROPHOTOGRAPHIQUE ET CARTOUCHE CYLINDRIQUE ET DISPOSITIF DE FORMATION D'IMAGE COMPRENANT UN TEL PHOTORECEPTEUR**
- (71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NOZOMI, Mamoru** [JP/US]; c/o Mitsubishi Chemical America Inc., 401, Volvo Parkway, Chesapeake, VA 23320 (US). **IDA, Kazutaka** [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). **WADA, Mitsuo** [JP/JP]; c/o Mitsubishi Chemical Corporation, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP).
- (74) **MIYAKOSHI, Noriaki**; Shin-ei Patent Office, 12th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G03G 5/06, 15/00**
- (11) **WO 2004/095144** (13) A1
- (21) PCT/JP2004/005506
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) ja (26) ja
- (30) 2003-120135 **24 Apr/avr 2003 JP (24.04.2003)**
- (30) 2003-151334 **28 May/mai 2003 JP (28.05.2003)**



- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ELECTROPHOTOGRAPHIC PHOTORECEPTOR, ELECTROPHOTOGRAPHIC IMAGE FORMING METHOD AND ELECTROPHOTOGRAPHIC DEVICE
- PHOTORECEPTEUR ELECTROPHOTOGRAPHIQUE, PROCEDE DE FORMATION D'IMAGES ELECTROPHOTOGRAPHIQUES ET DISPOSITIF ELECTROPHOTOGRAPHIQUE
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka, 5458522 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ISHIDA, Kazuya [JP/JP]; 3-14-2-1, Kunimidai, Kizu-cho, Soraku-gun, Kyoto, 6190216 (JP). KONDOH, Akihiro [JP/JP]; Sanwa Manshon 407, 1-1-87, Sanjooji, Nara-shi, Nara, 6308013 (JP). OBATA, Takatsugu [JP/JP]; Heijo Green Manshon 206, 227-2, Misasagi-cho, Nara-shi, Nara, 6310803 (JP).
- (74) SAIKYO, Keiichiro et al. / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka, 5410051 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G03G 15/02, B41J 2/385
- (11) WO 2004/095146 (13) A1
- (21) PCT/JP2004/005278
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) ja (26) ja
- (30) 2003-116091 21 Apr/avr 2003 JP (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ELECTRON EMITTING ELEMENT AND IMAGE FORMING APPARATUS EMPLOYING IT
- ELEMENT EMETTEUR D'ELECTRONS ET APPAREIL DE FORMATION D'IMAGE UTILISANT LEDIT ELEMENT
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka, 5458522 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) KOSHIDA, Nobuyoshi [JP/JP]; 3-12-8, Midori-cho, Koganei-shi, Tokyo 1840003 (JP).
- (72, 75) IWAMATSU, Tadashi [JP/JP]; 3-20, Saidaiji-shinden-cho, Nara-shi, Nara 6310832 (JP). HIRAKAWA, Hiroyuki [JP/JP]; 580-1-301, Karamomo-cho, Nara-shi, Nara 6308454 (JP).
- (74) FUKAMI, Hisao et al. / etc.; Fukami Patent Office, Mitsui Sumitomo Bank, Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 5300054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G04B 37/05, 37/16, 45/00, A44C 05/14
- (11) WO 2004/095147 (13) A1
- (21) PCT/JP2003/004974
- (22) 18 Apr/avr 2003 (18.04.2003)
- (25) ja (26) ja
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CASE FOR WRISTWATCH
- BOITIER POUR MONTRE-BRACELET
- (71) NAMIKI SEIMITSU HOUSEKI KABUSHIKI KAISHA [JP/JP]; 8-22, Shinden 3-Chome, Adachi-ku, Tokyo 123-8511 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SHIBATA, Susumu [JP/JP]; C/O NAMIKI SEIMITSU HOUSEKI KABUSHIKI KAISHA AKITA YUZAWA KOJYO, 6-56, Atago-cho 4-chome, Yuzawa-shi, Akita 012-0855 (JP). SATO, Tsugio [JP/JP]; C/O NAMIKI SEIMITSU HOUSEKI KABUSHIKI KAISHA AKITA YUZAWA KOJYO, 6-56, Atago-cho 4-chome, Yuzawa-shi, Akita 012-0855 (JP). OKADA, Kazuo [JP/JP]; C/O NAMIKI SEIMITSU HOUSEKI KABUSHIKI KAISHA AKITA YUZAWA KOJYO, 6-56, Atago-cho 4-chome, Yuzawa-shi, Akita 012-0855 (JP). MATSUMURA, Hiroshi [JP/JP]; C/O NAMIKI SEIMITSU HOUSEKI KABUSHIKI KAISHA AKITA YUZAWA KOJYO, 6-56, Atago-cho 4-chome, Yuzawa-shi, Akita 012-0855 (JP). ABE, Tadashi [JP/JP]; C/O NAMIKI SEIMITSU HOUSEKI KABUSHIKI KAISHA AKITA YUZAWA KOJYO, 6-56, Atago-cho 4-chome, Yuzawa-shi, Akita 012-0855 (JP). YAGUCHI, Yoichi [JP/JP]; C/O NAMIKI SEIMITSU HOUSEKI KABUSHIKI KAISHA, 8-22, Shinden 3-Chome, Adachi-ku, Tokyo 123-8511 (JP). MICHELLE, Ratajski [CH/CH]; C/O EMMER SA, Rue Scholl 35, CH-2504 Bienne (CH).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- (51)<sup>7</sup> G04C
- (11) WO 2004/095148 (13) A2
- (21) PCT/IL2004/000347
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) en (26) en
- (30) 155549 24 Apr/avr 2003 IL (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TIMER
- MINUTEUR
- (71, 72) VARON, Abraham [IL/IL]; P.O. Box 7037, 52170 Ramat Gan (IL).
- (74) GADOR, Deborah; Blum. Gador & Co., Derech HaShalom 53, 23rd Floor, 53454 Givatayim (IL).

Published / Publiée : (c)

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G04F 5/00

(11) WO 2004/095149 (13) A2

(21) PCT/EP2004/004193

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 730/03 24 Apr/avr 2003 CH (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PRODUCING INTEGRATED OPTICAL ELEMENTS, AND A CORRESPONDING OPTICAL ELEMENT

• PROCEDE DE PRODUCTION D'ELEMENTS OPTIQUES INTEGRES, ET ELEMENT OPTIQUE

(71) EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH [CH/CH]; ETH Transfer, Rämistrasse 101, CH-8092 Zürich (CH).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) DITTRICH, Philipp [DE/CH]; Altemoosstrasse 60, CH-8057 Zürich (CH). MONTEMEZZANI, Germano [CH/CH]; Neunbrunnenstrasse 186, CH-8046 Zürich (CH). GÜNTER, Peter [CH/CH]; Püntstrasse 17, CH-8173 Riedt b. Neerach (CH).

(74) EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH; ETH Transfer, HG E 47-49, Rämistrasse 101, CH-8092 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G05B

(11) WO 2004/095150 (13) A2

(21) PCT/US2003/036902

(22) 19 Nov/nov 2003 (19.11.2003)

(25) en (26) en

(30) 10/391,557 20 Mar/mar 2003 US (20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR OPERATING A CRYOGENIC PLANT

• PROCEDE D'EXPLOITATION D'UNE INSTALLATION A PRODUCTION CRYOGENIQUE

(71) PRAXAIR TECHNOLOGY, INC. [US/US]; 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).

(72) KATENDE, Edward; 6804 Forestview Drive, Lockport, NY 14094 (US). GUPTA, Amit; 622 Tidal Road, Deer Park, TX 77536 (US). SCHARF, Paul, F.; 974 Castlebar Drive, North Tonawanda, NY 14120 (US).

(74) KTORIDES, Stanley et al. / etc.; Praxair, Inc., 39 Old Ridgebury Road, M1-557, Danbury, CT 06810-5113 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G05B

(11) WO 2004/095151 (13) A2

(21) PCT/US2004/010377

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 10/417,044 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TIMER

• TEMPORISATEUR

(71) SALTON INC. [US/US]; 1955 W. Field Court, Lake Forest, IL 60045 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MELIA, Gavin [IE/US]; 30081 West Lake Drive, Wagram, NC 28396 (US). GUSTAFSON, Renee [US/US]; 250 Barton Hills Ct., Pinehurst, NC 28374 (US).

(74) GUYNN, Kevin, W. et al. / etc.; Sonnenschein Nath & Rosenthal LLP, P.O. Box 061080, Wacker Drive Station, Sears Tower, Chicago, IL 60606-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G05B

(11) WO 2004/095152 (13) A2

(21) PCT/US2004/005723

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 10/394,369 20 Mar/mar 2003 US (20.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VIBRATION MONITORING IN OPTICAL AND OPTO-ELECTRONIC BEAM GUIDING SYSTEMS

• CONTROLE DE VIBRATIONS DANS DES SYSTEMES DE GUIDAGE DE FAISCEAUX OPTIQUES ET OPTOELECTRONIQUES

(71) NEW FOCUS, INC. [US/US]; 2584 Junction Avenue, San Jose, CA 95134 (US).

(72) GREEN, Evan, Drake, Harriman; 6725 Bret Harte Drive, San Jose, CA 95120 (US).

(74) ALBOSZTA, Marek et al. / etc.; Lumen IPS, 2345 Yale Street, 2nd Floor, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> G05B 19/418  
(11) WO 2004/095153 (13) A1  
(21) PCT/JP2004/005611  
(22) 20 Apr/avr 2004 (20.04.2004)  
(25) ja (26) ja  
(30) 2003/119754 24 Apr/avr 2003 JP  
(24.04.2003)  
(30) 2003/323962 17 Sep/sep 2003 JP  
(17.09.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PROCESS CONTROL SYSTEM  
• SYSTEME DE COMMANDE DE TRAITEMENT  
(71) KONICA MINOLTA PHOTO IMAGING, INC. [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).  
(72) IKEDA, Hiroshi; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). HASEGAWA, Masataka; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G05B 19/418  
(11) WO 2004/095154 (13) A1  
(21) PCT/US2003/041177  
(22) 22 Dec/déc 2003 (22.12.2003)  
(25) en (26) en  
(30) 10/406,675 3 Apr/avr 2003 US  
(03.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ADJUSTING A SAMPLING RATE BASED ON STATE ESTIMATION RESULTS  
• AJUSTEMENT D'UN TAUX D'ECHANTILLONNAGE SUR LA BASE DE RESULTATS D'ESTIMATION D'ETAT  
(71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).  
(72) WANG, Jin; 1622 West 6th Street #K, Austin, TX 78703 (US). CUSSON, Brian, K.; 5305 Wishek Cove, Austin, TX 78730 (US).  
(74) DRAKE, Paul, S. et al. / etc.; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G05D 7/06, 7/01, G01F 1/34  
(11) WO 2004/095155 (13) A1  
(21) PCT/US2004/004024  
(22) 11 Feb/fév 2004 (11.02.2004)  
(25) en (26) en  
(30) 10/391,829 19 Mar/mar 2003 US  
(19.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD AND APPARATUS FOR CONDITIONING A GAS FLOW TO IMPROVE A RATE OF PRESSURE CHANGE MEASUREMENT  
• PROCEDE ET APPAREIL POUR CONDITIONNER UN ECOULEMENT DE GAZ EN VUE D'AMELIORER LA VITESSE DE MESURE DE LA VARIATION DE PRESSION  
(71) MKS INSTRUMENTS, INC. [US/US]; Six Shattuck Road, Andover, MA 01810 (US). (for all designated States except / pour tous les États désignés sauf US)  
(72) SMITH, John, A.; 9 Patricia Circle, Andover, MA 01810 (US). SHAJII, Ali; 26 Standish Drive, Canton, MA 02021 (US).  
(74) KUSMER, Toby, H. et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G05F 1/10, 3/26  
(11) WO 2004/095156 (13) A1  
(21) PCT/JP2003/004968  
(22) 18 Apr/avr 2003 (18.04.2003)  
(25) ja (26) ja  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • CONSTANT VOLTAGE POWER SUPPLY CIRCUIT  
• CIRCUIT D'ALIMENTATION A TENSION CONSTANTE

- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). (for all designated States except / pour tous les États désignés sauf US)  
(72, 75) HARAGUCHI, Akira [JP/JP]; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP). MATSUMOTO, Takashi [JP/JP]; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP).  
(74) ONDA, Hironori; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).  
(81) JP US.
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(11) WO 2004/095157 (13) A2  
(21) PCT/GB2004/001361  
(22) 29 Mar/mar 2004 (29.03.2004)  
(25) en (26) en  
(30) 0308923.2 17 Apr/avr 2003 GB  
(17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • LOW-OVERHEAD STORAGE CLUSTER CONFIGURATION LOCKING  
• VERROUILLAGE DE CONFIGURATION EN GRAPPE DE STOCKAGE AÉRIEN BAS  
(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US). (for all designated States except / pour tous les États désignés sauf US)  
(72, 75) CARR, David, John [GB/GB]; 30 Wilton Crescent, Southampton, Hampshire SO15 7QP (GB). JONES, Michael, John [GB/GB]; 112 Shannon Way, Chandlers Ford, Eastleigh, Hampshire SO53 4TB (GB). NICHOLSON, Robert, Bruce [GB/GB]; 17 Worthing Road, Southsea, Hampshire PO5 2RH (GB). SCALES, William, James [GB/GB]; 5 Portchester Road, Portchester, Fareham, Hampshire PO16 8AD (GB). WHYTE, Barry, Douglas [GB/GB]; 11 Treloyan Close, Chandlers Ford, Eastleigh, Hampshire SO53 3LZ (GB).  
(74) WILLIAMS, Julian, David; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
(11) WO 2004/095158 (13) A2  
(21) PCT/IB2004/001245  
(22) 23 Apr/avr 2004 (23.04.2004)

- (25) en (26) en
- (30) 60/464,925 **23 Apr/avr 2003** US  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EMBEDDED MANAGEMENT CHANNEL FOR SONET PATH TERMINATING EQUIPMENT CONNECTIVITY
- CANAL DE GESTION ENFOUÏ POUR LA CONNECTIVITE D'UN EQUIPEMENT DE FIN DE CONDUIT SONET
- (71) COVARO NETWORKS INC. [US/US]; Suite 300, 2301 N. Greenville Ave., Richardson, Texas 75082 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JAIMESON, Ross Alexander [US/US]; 6712 Creekside Lane, Plano, Texas 75023 (US). WEEKS, John Kevin [CA/US]; 2700 Berrywood Court, Richardson, Texas 75082 (US). ELIAS, Paul Anthony [US/US]; 3519 Willowbrook Drive, Richardson, Texas 75082 (US). YASEEN, Nimer Ibrahim [CA/US]; 204 Fairfax Drive, Allen, Texas 75013 (US).
- (74) BECKER, Jeffrey M. et al. / etc.; Suite 3100, 901 Main Street, Dallas, Texas 75202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095159 (13) A2
- (21) PCT/IB2004/001328
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en (26) en
- (30) 10/422,352 **24 Apr/avr 2003** US  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR ADDRESSING NETWORKED TERMINALS VIA PSEUDONYM TRANSLATION
- SYSTEME ET PROCEDE PERMETTANT L'ADRESSAGE DE TERMINAUX RESEAUTES PAR TRADUCTION DE PSEUDONYME
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).  
(for all designated States except / pour tous les États désignés sauf US)
- (71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).  
(only for / seulement pour LC)
- (72) PAYRITS, Szabolcs.; Savanyukut U.42, 9495 Kophaza (HU).
- (74) FUNK, Steven.; Crawford Maunu PLLC, 1270, Northland Drive, Suite 390, St. Paul, MN 55120 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095160 (13) A2
- (21) PCT/IB2004/001685
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 10/420,152 **22 Apr/avr 2003** US  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ON THE FLY OFFERING AND ALLOCATION OF BANDWIDTH ON DEMAND
- OFFRE A LA VOLEE ET ATTRIBUTION DE BANDE PASSANTE A LA DEMANDE
- (71) IDEA VALLEY DO BRAZIL [BR/BR]; Estrada Uniao Industria 9300, Itaipava, Petropolis, RJ (BR).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) BRENNER, Pablo [UY/UY]; Br Espana 2586, Montevideo 11300 (UY). CABRAL CAVALCANTI, Sergio [BR/BR]; Rua Doutor Agotinko Goulão 1211, Corrêas, Petropolis RJ 25730-050 (BR). FERNANDES, Luiz, Cesar [BR/BR]; Rua Doutor Agotinko Goulão 1211, Corrêas, Petropolis RJ 25730-050 (BR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG
- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095161 (13) A2
- (21) PCT/KR2004/000951
- (22) 24 Apr/avr 2004 (24.04.2004)
- (25) en (26) en
- (30) 10-2003-0026149 **24 Apr/avr 2003** KR  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR MANAGING COPY PROTECTION INFORMATION OF RECORDING MEDIUM
- PROCEDE DE GESTION D'INFORMATIONS DE PROTECTION CONTRE LA COPIE RELATIVES A UN SUPPORT D'ENREGISTREMENT
- (71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KIM, Byung Jin [KR/KR]; 111-204, Hansol Chungu APT., 110, Jeongja-dong, Bundang-gu, Sungnam, Kyunggi-do, 463-010 (KR). KIM, Hyung Sun [KR/KR]; 286-266, Huigyung 2-dong, Dongdaemoon-gu, Seoul 130-878 (KR).
- (74) PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-gu, Seoul 135-272 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095162 (13) A2
- (21) PCT/KR2004/000952
- (22) 24 Apr/avr 2004 (24.04.2004)
- (25) en (26) en
- (30) 10-2003-0026148 **24 Apr/avr 2003** KR  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)

- (54) • METHOD FOR MANAGING COPY PROTECTION INFORMATION OF RECORDING MEDIUM
- PROCEDE DE GESTION D'INFORMATION DE PROTECTION DE COPIE DE SUPPORT D'ENREGISTREMENT
- (71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KIM, Byung Jin [KR/KR]; 111-204, Hansol Chungu APT., 110, Jeongja-dong, Bundang-gu, Sungnam, Kyunggi-do, 463-010 (KR). KIM, Hyung Sun [KR/KR]; 286-266, Huigyung 2-dong, Dongdaemooon-gu, Seoul 130-878 (KR).
- (74) PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-gu, Seoul 135-272 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095163 (13) A2
- (21) PCT/US2003/040890
- (22) 22 Dec/déc 2003 (22.12.2003)
- (25) en (26) en
- (30) 10/397,823 26 Mar/mar 2003 US (26.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • GLOBAL FAILURE RISK SCORE
- COTE DU RISQUE FINANCIER GLOBAL
- (71) DUN & BRADSTREET, INC. [US/US]; 103 JFK Parkway, Short Hills, NJ 07078 (US).
- (72) BARAZESH, Reza; 5 Le Parc Court, West Windsor, NJ 08550 (US).
- (74) GREELEY, Paul, D. et al. / etc.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901 (US).
- (81) JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095164 (13) A2
- (21) PCT/US2004/010109
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/419,269 21 Apr/avr 2003 US (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SAFE TRANSACTION GUARANTY
- GARANTIE DE SECURITE POUR DES TRANSACTIONS
- (71) BUYSAFE, INC. [US/US]; 308 Farmington Avenue, Farmington, CT 06032 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) WODA, Steven, L.; 3017 Dumbarton Street, N.W., Washington, DC 20007 (US). GRASS, Jeffrey; 36 15th Street, Hermosa Beach, CA 90254 (US).
- (74) PERRY, Glenn, J. et al. / etc.; Smith, Gambrell & Russell, LLP, 1850 M Street, N.W., Suite 800, Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095165 (13) A2
- (21) PCT/US2004/010227
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/463,457 16 Apr/avr 2003 US (16.04.2003)
- (30) 10/616,344 9 Jul/juil 2003 US (09.07.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CARRIER MANAGEMENT FOR A NETWORK
- GESTION DE PORTEUSES POUR UN RESEAU
- (71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, New Jersey 07656 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) IWAMURA, Ryuichi [JP/US]; 11864 Paseo Lucido #2083, San Diego, CA 92128 (US).
- (74) KANANEN, Ronald, P. et al. / etc.; Rader Fishman & Grauer PLLC, 1233 20th Street, NW, Suite 501, Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095167 (13) A2
- (21) PCT/US2004/010585
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/463,886 17 Apr/avr 2003 US (17.04.2003)
- (30) 10/639,088 11 Aug/août 2003 US (11.08.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • API SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR ACCESSING CONTENT/SECURITY ANALYSIS FUNCTIONALITY IN A MOBILE COMMUNICATION FRAMEWORK
- SYSTEME API, PROCEDE ET PROGRAMME INFORMATIQUE POUR L'ACCES A UNE FONCTIONNALITE D'ANALYSE DE CONTENU/SECURITE DANS UN CADRE DE COMMUNICATIONS MOBILES
- (71) NETWORKS ASSOCIATES TECHNOLOGY, INC. [US/US]; 3965 Freedom Circle, Santa Clara, CA 95054 (US). NTT DoCoMo, Inc. [JP/JP]; 11-1 Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) KOUZNETSOV, Victor; 20287 SW Tremont Way, Aloha, Oregon 97007 (US). LIBENZI, Davide; 20249 NW Galliard Loop, Hillsboro, Oregon 97124 (US). PAK, Michael C.; 15894 NW Andalusian Way, Portland, Oregon 97229 (US). URAKAWA, Yasutaka; 763-3-409 Nase-cho Totsuka-ku, Yokohama-shi, Kanagawa (JP). ISHII, Kenji; 6-30-21-102 Kikuna Kohoku-ku, Yokohama-shi, Kanagawa (JP). FUJITA, Masanori; B314 Heights Noukenndai 1-35-2, Noukendai Kanazawa-ku, Yokohama-shi, Kanagawa (JP).
- (74) ZILKA, Kevin, J.; Silicon Valley IP Group, PC, P.O. Box 721120, San Jose, CA 95172-1120 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095167 (13) A2
- (21) PCT/US2004/010585
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/463,886 17 Apr/avr 2003 US (17.04.2003)
- (30) 10/639,088 11 Aug/août 2003 US (11.08.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • API SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR ACCESSING CONTENT/SECURITY ANALYSIS FUNCTIONALITY IN A MOBILE COMMUNICATION FRAMEWORK
- SYSTEME API, PROCEDE ET PROGRAMME INFORMATIQUE POUR L'ACCES A UNE FONCTIONNALITE D'ANALYSE DE CONTENU/SECURITE DANS UN CADRE DE COMMUNICATIONS MOBILES
- (71) NETWORKS ASSOCIATES TECHNOLOGY, INC. [US/US]; 3965 Freedom Circle, Santa Clara, CA 95054 (US). NTT DoCoMo, Inc. [JP/JP]; 11-1 Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) KOUZNETSOV, Victor; 20287 SW Tremont Way, Aloha, Oregon 97007 (US). LIBENZI, Davide; 20249 NW Galliard Loop, Hillsboro, Oregon 97124 (US). PAK, Michael C.; 15894 NW Andalusian Way, Portland, Oregon 97229 (US). URAKAWA, Yasutaka; 763-3-409 Nase-cho Totsuka-ku, Yokohama-shi, Kanagawa (JP). ISHII, Kenji; 6-30-21-102 Kikuna Kohoku-ku, Yokohama-shi, Kanagawa (JP). FUJITA, Masanori; B314 Heights Noukenndai 1-35-2, Noukendai Kanazawa-ku, Yokohama-shi, Kanagawa (JP).
- (74) ZILKA, Kevin, J.; Silicon Valley IP Group, PC, P.O. Box 721120, San Jose, CA 95172-1120 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (25) en (26) en
- (30) 60/463,885 17 Apr/avr 2003 US (17.04.2003)
- (30) 10/639,007 11 Aug/août 2003 US (11.08.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • UPDATE SYSTEM AND METHOD FOR UPDATING A SCANNING SUBSYSTEM IN A MOBILE COMMUNICATION FRAMEWORK
- SYSTEME ET PROCEDE DE MISE A JOUR D'UN SOUS-SYSTEME DE BAYLAGE DANS UN DISPOSITIF DE COMMUNICATIONS MOBILES
- (71) NETWORKS ASSOCIATES TECHNOLOGY, INC. [US/US]; 3965 Freedom Circle, Santa Clara, CA 95054 (US). NTT DoCoMo, INC. [JP/JP]; 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72) KOUZNETSOV, Victor; 20287 SW Tremont Way, Aloha, OR 97007 (US). LIBENZI, Davide; 20249 NW Galliard Loop, Hillsboro, OR 97124 (US). PAK, Michael, C.; 15894 NW Andalusian Way, Portland, OR 97229 (US). URAKAMA, Yasutaka; 763-3-409 Nase-cho Totsuka-ku, Yokohamashi, Kanagawa (JP). ISHII, Kenji; 6-30-21-102 Kikuna Kohoku-ku, Yokohamashi, Kanagawa (JP). FUJITA, Masanori; B314 Heights Noukenndai 1-35-2 Noukendai, Kanazawa-ku, Yokohama-shi, Kanagawa (JP).
- (74) ZILKA, Kevin, J.; Silicon Valley IP Group, PC., P.O. Box 721120, San Jose, CA 95172-1120 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095168 (13) A2
- (21) PCT/US2004/010713
- (22) 7 Apr/avr 2004 (07.04.2004)
- (25) en (26) en
- (30) 60/463,733 18 Apr/avr 2003 US (18.04.2003)
- (30) 10/636,618 8 Aug/août 2003 US (08.08.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR PROVIDING A TERRITORY MANAGEMENT TOOL
- SYSTEME ET PROCEDE PERMETTANT D'OBTENIR UN OUTIL DE GESTION DE SECTEURS
- (71) SAP AKTIENGESELLSCHAFT [US/US]; 3410 Hillview Ave., Palo Alto, CA 94394-1395 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RUBEL, Ralf [DE/DE]; Brunnenackerstr. 20, 76571 Gaggenau (DE). MATHES, Frank [DE/DE]; Steingasse 2, 76855 Anweiler (DE).
- (74) ANGERT, Michael, I. et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, Washington, DC 20005-1257 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG); (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095170 (13) A2
- (21) PCT/US2004/011058
- (22) 9 Apr/avr 2004 (09.04.2004)
- (25) en (26) en
- (30) 60/463,496 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MANIPULATION OF OBJECTS
- MANIPULATION D'OBJETS
- (71) NEW YORK UNIVERSITY [US/US]; 550 First Avenue, New York, NY 10016 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PERLIN, Kenneth [US/US]; 7-13 Washington Square North, Apt. 31B, New York, NY 10003 (US). ROSENFELD, Daniel, A. [US/US]; 209 West 13th Street #1, New York, NY 10011 (US). KOLLIN, Joel, S. [US/US]; P.O. Box 1310, New York, NY 10113 (US).
- (74) SCHWARTZ, Ansel, M.; Attorney at Law, 201 N. Craig Street, Suite 304, Pittsburgh, PA 15213 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095171 (13) A2

(21) PCT/US2004/011446

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/418,592 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RULE APPLICATION MANAGEMENT IN AN ABSTRACT DATABASE ABSTRACT OF THE DISCLOSURE  
• GESTION D'APPLICATION DE REGLE DANS UNE BASE DE DONNEES ABSTRAITE

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).

(72) DETTINGER, Richard, D.; 5305 Kensington Lane N.W., Rochester, MN 55901 (US). STEVENS, Richard, J.; 3707 Arbor Drive N.W., Rochester, MN 55901 (US).

(74) JOHNSON, Grant, A. et al. / etc.; IBM Corporation, Dept. 917/Bldg. 006-1, 3605 Highway 52 North, Rochester, MN 55901-7829 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G06F

(11) WO 2004/095172 (13) A2

(21) PCT/US2004/011471

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/414,941 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR PROJECT MANAGEMENT  
• SYSTEME ET PROCEDE DE GESTION DE PROJET

(71, 72) RUSK, John [US/US]; 583 W. 215 St., #A7, New York, New York 10034-1343 (US).

(74) GILL, Angus, R.; Morgan & Finnegan, L.L.P., Three World Financial Center, New York, NY 10281-8700 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095173 (13) A2

(21) PCT/US2004/011522

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,864 18 Apr/avr 2003 US (18.04.2003)

(30) 60/494,263 11 Aug/août 2003 US (11.08.2003)

(30) 60/501,702 10 Sep/sep 2003 US (10.09.2003)

(30) 10/821,345 9 Apr/avr 2004 US (09.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM FOR ORDER OPTIMIZATION  
• PROCEDE ET SYSTEME POUR L'OPTIMISATION DE COMMANDES

(71, 72) ANTONELLIS, Robert, J. [US/US]; 31 Lockeland Ave., P.O. Box 58, Arlington, MA 02476 (US).

(74) MACHTINGER, Marc, D.; Law Office of Marc D. Machtinger, Ltd., 750 W. Lake Cook Road, Suite 350, Buffalo Grove, IL 60089 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095174 (13) A2

(21) PCT/US2004/011538

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 60/463,609 16 Apr/avr 2003 US (16.04.2003)

(30) 10/824,655 13 Apr/avr 2004 US (13.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HYBRID PERSONALIZATION ARCHITECTURE  
• ARCHITECTURE DE PERSONNALISATION HYBRIDE

(71) SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HATTA, Masashi [JP/JP]; 5-9-27 Honfujisawa, Fujisawa-shi, Kanagawa 251-0875 (JP).

(74) HOLLOWAY, Sheryl, Sue et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095175 (13) A2

(21) PCT/US2004/011613

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/417,994 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AUTONOMIC DETERMINATION OF CONFIGURATION SETTINGS BY WALKING THE CONFIGURATION SPACE

• DETERMINATION AUTONOME DES REGLAGES DE LA CONFIGURATION PAR L'EXPLORATION DE L'ESPACE DE CONFIGURATION

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION; New Orchard Road, Armonk, NY 10504 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAGHAVACHARI, Mukund [US/US]; 17 Loomis Drive, Baldwin Place, NY 10505 (US). JOHNSON, Robert, D. [US/US]; 36 North Valley Road, Ridgefield, CT 06877

- (US). REIMER, Darrell, Christopher [CA/US]; 30 Park Avenue, White Plains, NY 10603 (US).
- (74) BUCHENHORNER, Michael, J.; Holland & Knight LLP, 701 Brickell Avenue, Suite 3000, Miami, FL 33131 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*  
*(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
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- (51)<sup>7</sup> G06F  
 (11) WO 2004/095176 (13) A2  
 (21) PCT/US2004/011625  
 (22) 15 Apr/avr 2004 (15.04.2004)  
 (25) en (26) en  
 (30) 60/464,019 18 Apr/avr 2003 US (18.04.2003)  
 (30) 10/748,831 30 Dec/déc 2003 US (30.12.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • METHOD ANS SYSTEM FOR DETECTING VULNERABILITIES IN SOURCE CODE  
 • PROCEDE ET SYSTEME PERMETTANT DE DETECTER DES VULNERABILITES DANS UN CODE SOURCE
- (71) OUNCE LABS, INC. [US/US]; 230 Third Avenue, Prospect Place, Waltham, MA 02451 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BERG, Ryan, James [US/US]; 608 Dutton Road, Sudbury, MA 01776-1945 (US). ROSE, Larry [US/US]; 257 Boston Road, Chelmsford, MA 01824-4803 (US). PEYTON, John [US/US]; 156 Medford Street, Arlington, MA 02474-3112 (US). DAHANY, John, J. [US/US]; 60 Indian Lane, Canton, MA 02021-3516 (US). GOTTLIEB, Robert [US/US]; 52 Vine Brook Road, Westford, MA 01886-4218 (US). REHBEIN, Chris [US/US]; 3 Fifield Street, Watertown, MA 02472-2703 (US).
- (74) DICHIARA, Peter, M. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
 (11) WO 2004/095177 (13) A2  
 (21) PCT/US2004/011652  
 (22) 5 Apr/avr 2004 (05.04.2004)  
 (25) en (26) en  
 (30) 60/463,842 17 Apr/avr 2003 US (17.04.2003)  
 (30) 10/639,136 11 Aug/août 2003 US (11.08.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • PLATFORM-INDEPENDENT SCANNING SUBSYSTEM API FOR USE IN A MOBILE COMMUNICATION FRAMEWORK  
 • SOUS-SYSTEME API DE BALAYAGE INDEPENDANT DE LA PLATE-FORME ET DESTINE A ETRE UTILISE DANS UNE STRUCTURE DE COMMUNICATION MOBILE
- (71) NETWORKS ASSOCIATES TECHNOLOGY, INC. [US/US]; 3965 Freedom Circle, Santa Clara, CA 95054 (US). NTT DOCOMO, INC. [JP/JP]; 11-1 Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) KOUZNETSOV, Victor; 20287 S.W. Tremont Way, Aloha, OR 97007 (US). LIBENZI, Davide; 20249 N.W. Galliard Loop, Hillsboro, OR 97124 (US). PAK, Michael, C.; 15894 N.W. Andalusian Way, Portland, OR 97229 (US). URAKAWA, Yasutaka; 763-3-409 Nase-cho Totsuka-ku, Yokohama-shi, Kanagawa (JP). ISHII, Kenji; 6-30-21-102 Kikuna Kohoku-ku, Yokohama-shi, Kanagawa (JP). FUJITA, Masanori; B314 Heights Noukenndai, 1-35-2, Noukendai Kanazawa-ku, Yokohama-shi, Kanagawa (JP).
- (74) ZILKA, Kevin, J.; Silicon Valley IP Group, P.C., P.O. Box 721120, San Jose, CA 95172-1120 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
 (11) WO 2004/095178 (13) A2  
 (21) PCT/US2004/011772  
 (22) 16 Apr/avr 2004 (16.04.2004)  
 (25) en (26) en  
 (30) 10/417,709 16 Apr/avr 2003 US (16.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • AFFINITY ANALYSIS METHOD AND ARTICLE OF MANUFACTURE  
 • PROCEDE D'ANALYSE D'AFFINITE ET PRODUIT MANUFACTURE
- (71) YAHOO INC. [US/US]; 701 First Avenue, Sunnyvale, CA 94089 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CHAND, Jagdish [IN/US]; 2200 Monroe Street #1802, Santa Clara, CA 95050 (US).
- (74) DURANT, Stephen, C. et al. / etc.; Morrison & Foerster LLP, 425 Market Street, San Francisco, CA 94105-2482 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
 (11) WO 2004/095179 (13) A2  
 (21) PCT/US2004/011789  
 (22) 16 Apr/avr 2004 (16.04.2004)  
 (25) en (26) en  
 (30) 60/463,999 18 Apr/avr 2003 US (18.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • INTEGRATED POINT-OF-CARE SYSTEMS AND METHODS



- SYSTEMES INTEGRES POUR POINTS DE SERVICE DE SOINS DE SANTE, ET PROCEDES ASSOCIES
- (71) **MEDICAL INTERACTIVE CORPORATION** [US/US]; c/o Packard Children's Hospital, at Stanford, 780 Welch Road # 280, Stanford, CA 94305-5733 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SMITH, Baird** [US/US]; Medical Interactive Corporation, c/o Packard Children's Hospital at Stanford, 780 Welch Road # 280, Stanford, CA 94305-5733 (US).
- (74) **KIM, Eugene et al.** / etc.; Carr & Ferrell LLP, 2200 Geng Road, Palo Alto, CA 94303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) **WO 2004/095181** (13) A2
- (21) PCT/US2004/011875
- (22) **17 Apr/avr 2004 (17.04.2004)**
- (25) en (26) en
- (30) 60/464,057 **18 Apr/avr 2003** US  
(18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND SYSTEM FOR AUTOMATED ELECTRONIC TRADING IN FINANCIAL MARKETS
- PROCEDE ET SYSTEME DE TRANSACTIONS ELECTRONIQUES AUTOMATIQUES DANS DES MARCHES FINANCIERS
- (71) **TRADE ROBOT HOLDINGS LIMITED**; Michell House, P.O. Box 174, The Valley (AD).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HORST, John, Van** [US/US]; 2335 Shergra Place, Simi Valley, CA 93063 (US).  
**PAPIC, Josip** [SI/SI]; Rozmanova 22, 8000 Novo Mesto (SI).  
**SEPETA VC, Mitja** [SI/SI]; V Bvezov Log 48, 800 Novo Mesto (SI).
- (74) **LUDWIG, S., Peter et al.** / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) **WO 2004/095182** (13) A2
- (21) PCT/US2004/011878
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 60/463,201 **16 Apr/avr 2003** US  
(16.04.2003)
- (30) 60/468,681 **7 May/mai 2003** US  
(07.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND SYSTEM FOR PROVIDING A CUSTOMIZED NETWORK
- PROCEDE ET SYSTEME POUR CREER UN RESEAU PERSONNALISE
- (71) **ZIOS CORPORATION** [US/US]; 211 N. Camac Street, 211 N. Camac Street, Philadelphia, PA 19107 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HING, Eileen, Chu** [US/US]; 1033 Race Street, Philadelphia, PA 19107 (US).
- (74) **GILLY, Richard**; Wolf, Block, Schorr and Solis-Cohen LLP, 1650 Arch Street, 22nd Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) **WO 2004/095183** (13) A2
- (21) PCT/US2004/011890
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 10/417,326 **17 Apr/avr 2003** US  
(17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND SYSTEM FOR ANALYZING THE EFFECTIVENESS OF MARKETING STRATEGIES
- PROCEDE ET SYSTEME POUR ANALYSER L'EFFICACITE DE STRATEGIES DE COMMERCIALISATION
- (71) **TARGETRX, INC.** [US/US]; 220 Gibraltar Road, 2nd Floor, Horsham, PA 19044 (US).  
(only for / seulement pour US)
- (72, 75) **LUBY, Michael, J.** [US/US]; 625 Black Rock Road, Bryn Mawr, PA 19010 (US).  
**HOWIE, Patrick, J.** [US/US]; 1609 Broadfield Circle, Maple Glen, PA 19002 (US).  
**PARKER, Braden, C.** [US/US]; 114 Bloomingdale Avenue, Apt. 3, Wayne, PA 19087 (US).  
**KOZLOFF, Jeffrey, A.** [US/US]; 104 Delmar Court, North Wales, PA 19454 (US).  
**CROOK, Jason, T.** [US/US]; 627-A North 2nd Street, Philadelphia, PA 19123 (US).  
**COHEN, Daniel, J.** [US/US]; 722-A S. American Street, Philadelphia, PA 19044 (US).  
**PRIEST, Adam, R.** [US/US]; 508 Waln Road, Glenside, PA 19038 (US).
- (74) **VALENTINE, Megan et al.** / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

- SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095184 (13) A2
- (21) PCT/US2004/011931
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 60/463,543 17 Apr/avr 2003 US  
(17.04.2003)
- (30) 60/528,271 9 Dec/déc 2003 US  
(09.12.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS FOR EVALUATING THE FI-  
NANCIAL STRENGTH OF A HOLDING  
IN COMPARISON TO OTHER HOLD-  
INGS  
• PROCEDES D'EVALUATION DE LA  
SANTE FINANCIERE D'UN HOLDING  
PAR RAPPORT A D'AUTRES HOL-  
DINGS
- (71) PORTFOLIO SEARCH, INC. [US/US];  
141 South Avenue, Fanwood, NJ 07023 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) SCHWARZ, Richard, Devlin [US/US];  
2290 Woodland Terrace, Scotch Plains, NJ  
07076 (US). PINES, Brad, Eric [US/US];  
1905 Connolly Drive, Troy, MI 48098 (US).
- (74) GAUDET, Daniel, P. et al. / etc.; Hale and  
Dorr LLP, 60 State Street, Boston, MA 02109  
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095186 (13) A2
- (21) PCT/US2004/012015
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en (26) en
- (30) 60/463,745 16 Apr/avr 2003 US  
(16.04.2003)
- (30) 10/626,151 24 Jul/juil 2003 US  
(24.07.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A METHOD FOR RANKING USER  
PREFERENCES  
• PROCEDE POUR CLASSER DES PRE-  
FERENCES UTILISATEURS
- (63) US 10/626,151 (CON)  
24 Jul/juil 2003 (24.07.2003)
- (71) YAHOO, INC. [US/US]; 701 First Avenue,  
Sunnyvale, CA 94089 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) SADRI, Pasha [IR/US]; 1132 Pleasant  
Hill Way, San Jose, CA 85120 (US).
- (74) HARRIMAN, J., D. et al. / etc.; Coudert  
Brothers LLP, 333 S Hope St., Suite 2300, Los  
Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US (Patent  
/ brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ
- MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- Declarations / Déclarations :  
(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(u) for / pour US only / seulement
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095187 (13) A2
- (21) PCT/US2004/012025
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 60/463,873 18 Apr/avr 2003 US  
(18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEMS AND METHODS FOR  
CORRECTING HIGH ORDER ABERRA-  
TIONS IN LASER REFRACTIVE  
SURGERY  
• SYSTEMES ET PROCEDES PERMET-  
TANT DE CORRIGER DES ABERRA-  
TIONS D'ORDRE SUPERIEUR EN CHI-  
RURGIE REFRACTIVE AU LASER
- (71) VISX, INCORPORATED [US/US]; 3400  
Central Expressway, Santa Clara, California  
95051 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)
- (72, 75) DAI, Guangming [CN/US]; 34249  
Xanadu Terrace, Fremont, California 94555  
(US). LIANG, Junzhong [US/US]; 45  
Kootenai Drive, Fremont, California 94539  
(US).
- (74) BARRISH, Mark, D. et al. / etc.;  
TOWNSEND AND TOWNSEND AND  
CREW LLP, Two Embarcadero Center, 8th  
Floor, San Francisco, California 94111-3834  
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
(11) WO 2004/095188 (13) A2  
(21) PCT/US2004/012040  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 10/418,904 17 Apr/avr 2003 US (17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • USE OF PSEUDONYMS VS. REAL NAMES  
• UTILISATION DE PSEUDONYMES AU LIEU DE NOMS REELS
- (71) AMERICA ONLINE INC. [US/US]; 22000 AOL Way, Dulles, VA 20166 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) SANIN, Aleksey; 1220 Vicente Drive #D, Sunnyvale, CA 94086 (US). CAHILL, Conor, P.; 38580 Daymont Lane, Waterford, VA 20197 (US).
- (74) GLENN, Michael, A. et al. / etc.; Glenn Patent Group, Ste. L., 3475 Edison Way, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
(11) WO 2004/095189 (13) A2  
(21) PCT/US2004/012106  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 10/419,274 21 Apr/avr 2003 US (21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SYSTEM AND METHOD FOR SECURELY ACTIVATING A MECHANISM  
• SYSTEME ET PROCEDE DESTINES A ACTIVER UN MECANISME DE MANIERE SECURISEE
- (71) TECHNOLOGY ADVANCEMENT GROUP [US/US]; 22355 Tag Way, Dulles, VA 20166-9310 (US).

- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MCEWAN, John, A. [US/US]; 9318 Ludgate Drive, Alexandria, VA 22309-2740 (US).
- (74) KAUFMAN, Marc; Nixon Peabody LLP, 401 9th Street, N.W., Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F  
(11) WO 2004/095190 (13) A2  
(21) PCT/US2004/012119  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) en (26) en  
(30) 60/463,499 18 Apr/avr 2003 US (18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • TECHNIQUES FOR SURFACE EXPLORATION AND MONITORING  
• TECHNIQUES D'EXPLORATION ET DE SURVEILLANCE DE SURFACE
- (63) US 60/463,499 (CON)  
18 Apr/avr 2003 (18.04.2003)
- (71, 72) FORT, Justin, L. [US/US]; 16721 Marsala Springs Dr., Round Rock, TX 78681 (US). FORT, Charles, P. [US/US]; 16721 Marsala Springs Dr., Round Rock, TX 78681 (US).
- (74) BARRETT, Michael, C.; Fulbright & Jaworski, LLP, 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
(11) WO 2004/095191 (13) A2  
(21) PCT/US2004/012139  
(22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en  
(30) 10/420,221 22 Apr/avr 2003 US (22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • A RECONFIGURABLE PROCESSING ARRAY WITH VARIABLE TIMING CONTROL  
• RESEAU DE TRAITEMENT RECONFIGURABLE COMPORTANT UN SYSTEME DE COMMANDE DE TEMPORISATION VARIABLE
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TOMERLIN, Andrew [US/US]; 10946 Northwest 56 Court, Coral Springs, FL 33076 (US). CAFARO, Nicholas, Giovanni [US/US]; 2006 NW 48th Avenue, Coconut Creek, FL 33063 (US). STENGEL, Robert, E. [US/US]; 2301 SE 9th Street, Pompano Beach, FL 33063 (US).
- (74) NICHOLS, Daniel, K. et al. / etc.; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F  
(11) WO 2004/095192 (13) A2  
(21) PCT/US2004/012227  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 60/464,464 21 Apr/avr 2003 US (21.04.2003)  
(30) 10/700,914 4 Nov/nov 2003 US (04.11.2003)  
(30) 10/700,844 4 Nov/nov 2003 US (04.11.2003)  
(30) 10/700,842 4 Nov/nov 2003 US (04.11.2003)  
(30) 10/774,111 6 Feb/fév 2004 US (06.02.2004)  
(30) 10/773,896 6 Feb/fév 2004 US (06.02.2004)  
(30) 10/773,915 6 Feb/fév 2004 US (06.02.2004)  
(30) 10/774,034 6 Feb/fév 2004 US (06.02.2004)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SYSTEMS AND METHODS FOR SECURING WIRELESS COMPUTER NETWORKS

- SYSTEMES ET PROCEDES POUR SECURISER DES RESEAUX INFORMATIQUES SANS FIL

(71) AIRDEFENSE, INC. [US/US]; 4800 Northpoint Parkway, Suie 100, Alpharetta, GA 30022 (US).

(72) HRASTAR, Scott, E.; 2125 Noblin Ridge Trail, Duluth, GA 30097 (US).

(74) KERVEN, David, S. et al. / etc.; Jones Day, 1420 Peachtree Street, Suite 800, Atlanta, GA 30309-3053 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095193 (13) A2

(21) PCT/US2004/012286

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/419,656 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM FOR LOW POWER OPERATION OF WIRELESS LAN INTERFACES

- SYSTEME A FAIBLE CONSOMMATION D'ENERGIE POUR INTERFACES DE RESEAU LOCAL SANS FIL

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NJ 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLAUS, Michael, Olsen [DK/US]; 30 East Hill Road, Cortlandt Manor, NY 10567 (US). JEFFREY, Clark, W. [US/US]; 312 Kettlebridge Drive, Cary, NC 27511 (US). CHANDRASEKHAR, Narayanaswami [IN/US]; 41 Long Meadows Road, Wilton, CT 06897 (US). MARCEL-CATALIN, Rosu [RO/US]; 1-8 Briarcliff Drive South, Ossining, NY 10562 (US).

(74) BUCHENHORNER, Michael, J.; Holland & Knight LLP, 701 Brickell Avenue, Suite 3000, Miami, FL 33131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06F

(11) WO 2004/095194 (13) A2

(21) PCT/US2004/012293

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/421,610 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR THE CROSS-PLATFORM TRANSMISSION OF MESSAGES

- SYSTEME ET PROCEDE DE TRANSMISSION MULTIPLATEFORME DE MESSAGES

(71, 72) GLECKMAN, Harris [US/US]; 5 Kipp Street, Chappaqua, NY 10514 (US).

(74) JOHNSON, John; Carter Ledyard & Milburn LLP, 2 Wall Street, New York, NY 10005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095195 (13) A2

(21) PCT/US2004/012301

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,577 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR MANAGING IMAGED FREIGHT DOCUMENTS

- SYSTEME ET PROCEDE DE GESTION DE DOCUMENTS DE FRET MIS EN IMAGES

(71) DOCUMENT IMAGES, LLC [US/US]; 7100 Honhold Circle, Garden Grove, CA 92841 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CUNNINGHAM, Jorlaine, S. [US/US]; 262 Morning Canyon Road, Corona del Mar, CA 92626 (US). TURNER, James, E. [US/US]; 1 Ocean Mist, Aliso Viejo, CA 92656 (US).

(74) O'BANION, John, P.; O'Banion & Ritchey LLP, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095196 (13) A2

(21) PCT/US2004/012369

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,371 22 Apr/avr 2003 US (22.04.2003)

(30) 10/789,920 27 Feb/fév 2004 US (27.02.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOVEL SECURITIES, SUPPORTING SYSTEMS AND METHODS THEREOF

- SECURITES, SYSTEMES DE SUPPORT NOUVEAUX ET PROCEDES ASSOCIES

(71) LEHMAN BROTHERS HOLDINGS, INC. [US/US]; 745 Seventh Avenue, New York, NY 10019 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **NORAEV, Dmitry**; 25 Hickory Place, Apt. E10, Chatham, NJ 07928 (US). **ORTIZ DE ZEVALLOS, Arturo**; 65 Van Reypen Sreet, Apt. 3, Jersey City, NJ 07306 (US).

(74) **GOLUB, Daniel, H.**; 1701 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) **WO 2004/095197** (13) A2

(21) PCT/US2004/012466

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 60/464,436 **22 Apr/avr 2003 US (22.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **OMNIMODAL MESSAGING SYSTEM**  
• **SYSTEME DE MESSAGERIE OMNIMODALE**

(71) **VOICE GENESIS, INC.** [US/US]; 3610 N. Alma Avenue, Manhattan Beach, CA 90266 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MARRIOTT, Mark, J.** [US/US]; 3610 N. Alma Avenue, Manhattan Beach, CA 90266 (US). **BEHRAVANFAR, Reza** [US/US]; 1906 Pine Street, Huntington Beach, CA 92648 (US).

(74) **MANUS, Peter, J. et al.** / etc.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) **WO 2004/095198** (13) A2

(21) PCT/US2004/012550

(22) **12 Apr/avr 2004 (12.04.2004)**

(25) en (26) en

(30) 10/418,667 **17 Apr/avr 2003 US (17.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **AUTO-STEERING APPARATUS AND METHOD**  
• **APPAREIL ET PROCEDE DE GUIDAGE AUTOMATIQUE**

(71) **BECHTEL BWXT IDAHO, LLC** [US/US]; P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(72) **MCKAY, Mark, D.**; 2472 Mars St., Idaho Falls, ID 83402 (US). **ANDERSON, Matthew, O.**; 2345 Bodily Circle, Idaho Falls, ID 83401 (US).

(74) **KIRSCH, Alan, D.**; Bechtel BWXT Idaho, LLC, P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) **WO 2004/095199** (13) A2

(21) PCT/US2004/012552

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 60/464,409 **21 Apr/avr 2003 US (21.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **SYSTEMS AND METHODS FOR GENERATING RANDOM NUMBERS FROM ASTONOMICAL EVENTS**  
• **SYSTEMES ET PROCEDES POUR GENERER DES NOMBRES ALEATOIRES A PARTIR D'EVENEMENTS ASTRONOMIQUES**

(71) **VG GAMES LTD** [GB/GB]; 92 Croxsted Road, Dulwich, London SE2 18NP (GB).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MANBER, Jeffrey** [US/US]; 519 North Alfred Street, Alexandria, VA 22314 (US).

(74) **ROSS, Otho, B.**; Muserlian, Lucas & Mercanti, LLP, 475 Park Avenue South, New York, NY 10016 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) **WO 2004/095200** (13) A2

(21) PCT/US2004/012736

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 60/464,713 **23 Apr/avr 2003 US (23.04.2003)**

(30) 10/828,036 **20 Apr/avr 2004 US (20.04.2004)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • **METHOD FOR SPOILING COPIES OF A THEATRICAL MOTION PICTURE MADE USING A VIDEO CAMERA AND RECORDER**

• **PROCEDE DE DETERIORATION DE COPIES DE FILMS COMMERCIAUX REALISEES AU MOYEN D'UNE CAMERA VIDEO ET D'UN ENREGISTREUR**

(71) **WARNER BROS. ENTERTAINMENT INC.** [US/US]; 4000 Warner Boulevard, Burbank, CA 91522 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) **ODGERS, Christopher, R.**; 915 West Foothill Boulevard, C-294, Claremont, CA 91711 (US).

(74) **WEISZ, Tiberiu et al.** / etc.; Gottlieb Rackman & Reisman PC, 270 Madison Avenue, New York, NY 10016-0601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

*(r) for the following designation / pour la désignation suivante : US*

*(s) for all designations / pour toutes les désignations*

*(t) for all designations / pour toutes les désignations*

*(u) for / pour US only / seulement*

(51)<sup>7</sup> G06F

(11) **WO 2004/095201** (13) A2

(21) PCT/US2004/002183

(22) **27 Jan/jan 2004 (27.01.2004)**

(25) en (26) en

(30) 60/461,664 **9 Apr/avr 2003 US (09.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEMS AND METHODS FOR CACHING MULTIMEDIA DATA

• SYSTEMES ET PROCEDES POUR METTRE EN CACHE DES DONNEES MULTIMEDIA

(71) INTERVIDEO INC. [US/US]; 46430 Fremont Blvd., Fremont, California 94538 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAI, Yung-Hsiao [—/US]; 39475 Galaudet Drive, #124, Fremont, California 94538 (US). HUNG, Andy, Chao [US/US]; 12849 Canario Way, Los Altos, California 94022 (US).

(74) ALTMAN, Daniel, E.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095202 (13) A2

(21) PCT/US2004/003031

(22) 3 Feb/fév 2004 (03.02.2004)

(25) en (26) en

(30) 60/460,352 3 Apr/avr 2003 US (03.04.2003)

(30) 10/671,194 25 Sep/sep 2003 US (25.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM FOR PRODUCING PRINTED ON-LINE CONTENT FROM WEB SITES ON DEMAND

• SYSTEME POUR PRODUIRE A LA DEMANDE DU CONTENU EN LIGNE IMPRIME A PARTIR DE SITES WEB

(71, 72) KASSAN, Peter [US/US]; 16 Atilda Avenue, Dobbs Ferry, NY 10522 (US).

(74) MOSKOWITZ, Max et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095203 (13) A2

(21) PCT/US2004/003287

(22) 5 Feb/fév 2004 (05.02.2004)

(25) en (26) en

(30) 10/394,522 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REMOTE TOUCH SIMULATION SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE SIMULATION DE CONTACT A DISTANCE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEAGHAN, Bernard, O. [US/US]; 3M, 300 Griffin Brook Park Drive, Methuen, MA 01844 (US). TAYLOR, Gordon, F. [US/US]; 3M, 300 Griffin Brook Park Drive, Methuen, MA 01844 (US).

(74) PECHMAN, Robert, J. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F

(11) WO 2004/095204 (13) A2

(21) PCT/US2004/003350

(22) 4 Feb/fév 2004 (04.02.2004)

(25) en (26) en

(30) 60/457,479 24 Mar/mar 2003 US (24.03.2003)

(30) 10/610,902 30 Jun/juin 2003 US (30.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR EXCHANGING MESSAGES BETWEEN AN INSTANT MESSAGING USER AND AN E-MAIL USER

• SYSTEME ET PROCEDE D'ECHANGE DE MESSAGES ENTRE UN UTILISATEUR DE MESSAGERIE INSTANTANEE ET UN UTILISATEUR DE COURRIER ELECTRONIQUE

(71) YAHOO INC. [US/US]; 701 First Avenue, Sunnyvale, California 94089 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SZETO, Christopher, T. [US/US]; 1656 Hope Drive, #1426, Santa Clara, California 95054 (US). TORGEMANE, Henri [FR/US]; 1864 Bexley Landing, San Jose, California 95132 (US). RAMAKRISHNAN, T., S. [IN/US]; 15020 Park Drive, Saratoga, California 95070 (US).

(74) CRETSINGER, Cathy, E. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095205 (13) A2

(21) PCT/US2004/003387

(22) 6 Feb/fév 2004 (06.02.2004)

(25) en (26) en

(30) 10/404,881 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NODMA CACHE

• CACHE NON DMA

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) SHARMA, Debendra Das; 2043 Acacia Court, Santa Clara, CA 95050 (US). SAFRANEK, Robert; 5816 NW Necanicum Wah, Portland, OR 97229 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095206 (13) A2
- (21) PCT/US2004/003408
- (22) 5 Feb/fév 2004 (05.02.2004)
- (25) en (26) en
- (30) 10/402,489 28 Mar/mar 2003 US (28.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HOTLIST SYSTEM AND METHOD FOR COMMUNICATION DEVICES
- SYSTEME ET PROCEDE DE CREATION DE LISTE PRIVILEGIEE POUR DISPOSITIFS DE COMMUNICATION
- (71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KREITZER, Stuart, S. [US/US]; 5202 Kensington Circle, Coral Springs, FL 33076 (US).
- (74) PACE, Lalita, W. et al. / etc.; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095207 (13) A2
- (21) PCT/US2004/004385
- (22) 13 Feb/fév 2004 (13.02.2004)
- (25) en (26) en
- (30) 60/457,864 25 Mar/mar 2003 US (25.03.2003)
- (30) 10/703,053 5 Nov/nov 2003 US (05.11.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MODELING OF ORDER DATA
- MODELISATION DE DONNEES D'ORDRE
- (71) SIEBEL SYSTEMS, INC. [US/US]; 2207 Bridgepointe Parkway, San Mateo, CA 94404 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CATAHAN, Nardo, B., Jr. [PH/US]; 103 Sonja Road, South San Francisco, CA 94080 (US). KALE, Shekhar, P. [GB/US]; 187 Rock Harbor Lane, Foster City, CA 94404 (US). GARG, Shailendra [IN/US]; 1240 Vicente Drive, #A, Sunnyvale, CA 94086 (US). LEON, Maria-Theresa, Barnes [PH/US]; 288 Rivercreek Drive, Fremont, CA 94536 (US). SUNDARAJAN, Ramaswamy [IN/US]; 20030 Rodrigues Ave., #7K, Cupertino, CA 95014 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095208 (13) A2
- (21) PCT/US2004/004877
- (22) 19 Feb/fév 2004 (19.02.2004)
- (25) en (26) en
- (30) 60/457,474 24 Mar/mar 2003 US (24.03.2003)
- (30) 10/751,008 31 Dec/déc 2003 US (31.12.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PRODUCT COMMON OBJECT
- OBJET COMMUN DE PRODUIT
- (71) SIEBEL SYSTEMS INC. [US/US]; 2207 Bridgepointe Parkway, San Mateo, California 94404 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARNES-LEON, Maria, Theresa [PH/US]; 288 Rivercreek Drive, Fremont, California 94536 (US). CATAHAN, Nardo B. [PH/US]; 103 Sonja Road, S. San Francisco, California 94080 (US). GARG, Shailendra [IN/US]; 1240 Vicente Drive, Apt. A, Sunnyvale, CA 94086 (US). KALE, Shekar P. [JP/US]; 868 Greenberry Lane, San Rafael, California 94903 (US).
- (74) NG, Chun M. et al. / etc.; Perkins Coie LLP, Patents-SEA, P.O. Box 1247, Seattle, Washington 98111-1247 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095210 (13) A2
- (21) PCT/US2004/005713
- (22) 26 Feb/fév 2004 (26.02.2004)
- (25) en (26) en
- (30) 60/457,391 25 Mar/mar 2003 US (25.03.2003)
- (30) 10/434,405 8 May/mai 2003 US (08.05.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CONTROL OF ACCESS TO COMPUTERS IN A COMPUTER NETWORK
- CONTROLE D'ACCES A DES ORDINATEURS DANS UN RESEAU INFORMATIQUE
- (71) CLARIA CORPORATION [US/US]; 555 Broadway Street, Redwood City, CA 94063 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(72, 75) **WEISMAN, Mitchell, T.** [US/US]; 436 Portofino Drive #204, San Carlos, CA 94070 (US). **PENNEL, Mark, E.** [US/US]; 14913 Solera Drive, Austin, TX 78717 (US).

(74) **BENEDICTON, Patrick, D.**; OKAMOTO & BENEDICTON LLP, P.O. Box 641330, San Jose, CA 95164-1330 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F

(11) **WO 2004/095211** (13) A2

(21) PCT/US2004/005731

(22) **26 Feb/fév 2004 (26.02.2004)**

(25) en (26) en

(30) 10/403,262 **31 Mar/mar 2003 US (31.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DATA STORAGE SYSTEM

- SYSTEME DE STOCKAGE DES DONNEES

(71) **EMC CORPORATION** [US/US]; 176 South Street, Hopkinton, MA 01748 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PORAT, Ofer** [IL/US]; 57 Lackey Street, Westborough, MA 01581 (US). **CAMPBELL, Brian, K.** [US/US]; 58 Harding Street, Milford, MA 01757 (US). **XU, Yujie** [CN/US]; 48 Stewart Street, Franklin, MA 02038 (US). **BRUNO, Eric, J.** [US/US]; 31 Greendale Avenue, Marlborough, MA 01752 (US). **WILSON, Paul, C.** [US/US]; 105 West Hill Road, Mendon, MA 01756 (US).

(74) **SHARKANSKY, Richard, M.** et al. / etc.; Daly, Crowley & Mofford, LLP, Suite 101, 275 Turnpike Street, Canton, MA 02021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F

(11) **WO 2004/095212** (13) A2

(21) PCT/US2004/005736

(22) **26 Feb/fév 2004 (26.02.2004)**

(25) en (26) en

(30) 10/396,675 **25 Mar/mar 2003 US (25.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEMORY MANAGEMENT IN A DATA PROCESSING SYSTEM

- GESTION DE MEMOIRE DANS UN SYSTEME DE TRAITEMENT DE DONNEES

(71) **FREESCALE SEMICONDUCTOR, INC.** [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOYER, William, C.** [US/US]; 1005 Pier Branch Road, Dripping Springs, TX 78620 (US).

(74) **GODDARD, Patricia, S.**; Freescale Semiconductor, Inc., 7700 West Parmer Lane, MD:TX32/PL02, Austin, TX 78729-8084 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) **WO 2004/095213** (13) A2

(21) PCT/US2004/005761

(22) **18 Feb/fév 2004 (18.02.2004)**

(25) en (26) en

(30) 10/404,000 **31 Mar/mar 2003 US (31.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM OF PROCESSING BILLING DATA

- PROCEDE ET SYSTEME DE TRAITEMENT DE DONNEES DE FACTURATION

(71) **SBC KNOWLEDGE VENTURES L.P.** [US/US]; 645 E. Plumb Lane, Reno, Nevada 98502 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FINE, Jack** [US/US]; 515 Orchid Court, Benicia, California 94510 (US). **LEGRO, Euly** [US/US]; 494 Mo Call Drive, Benicia, California 94510 (US). **HABIBI, Mehran** [US/US]; 535 Mayla Drive, Pleasanton, California 94566 (US). **CHAN, Kin** [US/US]; 42 Sugar Pine Lane, Danville, California 94506 (US).

(74) **TOLER LARSON & ABEL LLP et al.** / etc.; Suite 265, 5000 Plaza on the Lake, Austin, Texas 78746 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) **WO 2004/095214** (13) A2

(21) PCT/US2004/005805

(22) **26 Feb/fév 2004 (26.02.2004)**

(25) en (26) en

(30) 10/395,033 **21 Mar/mar 2003 US (21.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD OF MODIFYING THE PRICE PAID BY AN ADVERTISER IN A SEARCH RESULT LIST

- SYSTEME ET PROCEDE DE MODIFICATION DU PRIX PAYE PAR UN ANNONCEUR DANS UNE LISTE DE RESULTATS DE RECHERCHE

(71) **OVERTURE SERVICES, INC.** [US/US]; 74 North Pasadena Avenue, 3rd Floor, Pasadena, CA 91103 (US).

(for all designated States except / pour tous les États désignés sauf US)



(72, 75) **MANGOLD, Bernard, P.** [CH/US]; 1580 La Loma Road, Pasadena, CA 91105 (US). **RYAN, Paul, T.** [US/US]; 1098 South Los Robles, Pasadena, CA 91106 (US).

(74) **KING, John, J.**; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095215 (13) A2

(21) PCT/US2004/006048

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 10/402,843 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TECHNIQUE FOR DISPLAYING A WINDOW IN A COMPUTER SCREEN

• TECHNIQUE POUR AFFICHER UNE FENETRE SUR UN ECRAN D'ORDINATEUR

(71) **CLARIA CORPORATION** [US/US]; 555 Broadway Street, Redwood City, California 94063 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOULDEN, David, L.** [US/US]; 441 Grand Street, Redwood City, California 94062 (US). **EAGLE, Scott, G.** [US/US]; 914 Continental Drive, Menlo Park, California 94025 (US). **MARTIN, Anthony, G.** [CA/US]; 1060 Los Altos Avenue, Los Altos, California 94022 (US).

(74) **BENEDICTO, Patrick, D.** et al. / etc.; OKAMOTO & BENEDICTO LLP, P.O. Box 641330, San Jose, California 95164-1330 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F

(11) WO 2004/095216 (13) A2

(21) PCT/US2004/006081

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/455,563 19 Mar/mar 2003 US (19.03.2003)

(30) 10/803,195 18 Mar/mar 2004 US (18.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • THE SYMMETRY RELATIONSHIPS BETWEEN PAIRS OF CONNECTRONS  
• RELATIONS DE SYMETRIE ENTRE PAIRES DE CONNECTRONS

(71, 72) **FELDMAN, Richard, J.** [US/US]; 17800 Mill Creek Dr., Derwood, MD 20855-1019 (US).

(74) **ZEGEER, Jim**; 801 N. Pitt Street #108, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095217 (13) A2

(21) PCT/US2004/006091

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/397,715 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AUTOMATED AND INTEGRATED ACQUISITION SYSTEM AND PROCESS  
• SYSTEME ET PROCEDE D'ACQUISITION AUTOMATISE ET INTEGRE

(71, 72) **KHALIDI, Tariq** [US/US]; 2893 Sunrise Boulevard, Suite 211, Sacramento, CA 95742 (US).

(for all designated States except / pour tous les États désignés sauf US)

(74) **KRETEN, Bernhard**; Bernhard Kreten, Esq. & Associates, 1331 Garden Highway, Suite 300, Sacramento, CA 95833 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095218 (13) A2

(21) PCT/US2004/006169

(22) 1 Mar/mar 2004 (01.03.2004)

(25) en (26) en

(30) 10/406,885 4 Apr/avr 2003 US (04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM FOR OFFERING AND SELLING A MULTI-PURPOSE CURRENCY OPTION

• PROCEDE ET SYSTEME POUR PROPOSER ET VENDRE UN CONTRAT D'OPTION SUR DEVICES MULTI-FONCTION

(71) **UBS AG** [US/US]; Stamford Branch, 677 Washington Boulevard, Stamford, CT 06901 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **HABERLE, Rainer**; Grottenweg 26, CH-1735 Giffers (CH).

(74) **STELLABOTTE, John, C.** et al. / etc.; Proskauer Rose LLP, Patent Department, 1585 Broadway, New York, NY 10036-8299 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095219 (13) A2

(21) PCT/US2004/006181

(22) 2 Mar/mar 2004 (02.03.2004)

- (25) en (26) en
- (30) 10/397,823 **26 Mar/mar 2003** US  
(26.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • GLOBAL FAILURE RISK SCORE  
• EVALUATION DES RISQUES DE DE-  
FAILLANCE AU NIVEAU MONDIAL
- (71) DUN & BRADSTREET, INC. [US/US];  
103 JFK Parkway, Short Hills, NJ 07078  
(US).
- (72) BARAZESH, Reza; 5 le Parc Court, West  
Windsor, NJ 08550 (US).
- (74) GREELEY, Paul, D.; Ohlandt, Greeley,  
Ruggiero & Perle, LLP, One Landmark  
Square, 10th Floor, Stamford, CT 06901  
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG UZ VC VN  
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095220 (13) A2
- (21) PCT/US2004/006204
- (22) 1 Mar/mar 2004 (01.03.2004)
- (25) en (26) en
- (30) 10/393,225 **20 Mar/mar 2003** US  
(20.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR FACIL-  
ITATING TV CHANNEL PROGRAM-  
MING  
• SYSTEME ET PROCEDE DESTINES  
A FACILITER LA PROGRAMMATION  
DE CHAINES DE TELEVISION
- (71) SONY ELECTRONICS, INC. [US/US]; 1  
Sony Drive, Park Ridge, NJ 07656 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72) SHINTANI, Peter, R.; 15616 Bernardo  
Center Drive #3501, San Diego, CA 92127  
(US). USUI, Hirofumi; 15662 Bernardo  
Center Drive #1210, San Diego, CA 92127  
(US).
- (74) ROGITZ, John, L.; Rogitz & Associates,  
Suite 3120, 750 B Street, San Diego, CA  
92101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095222 (13) A2
- (21) PCT/US2004/006710
- (22) 4 Mar/mar 2004 (04.03.2004)
- (25) en (26) en
- (30) 60/460,329 **3 Apr/avr 2003** US  
(03.04.2003)
- (30) 10/768,788 **30 Jan/jan 2004** US  
(30.01.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • APPARATUS AND METHODS FOR  
ANALYZING AND CHARACTERIZ-  
ING NUCLEIC ACID SEQUENCES  
• APPAREIL ET PROCEDES PERMET-  
TANT D'ANALYSER ET DE CARAC-  
TERISER DES SEQUENCES NUCLEO-  
TIDIQUES
- (71) PERLEGEN SCIENCES, INC. [US/US];  
2021 Stierlin Court, Mountain View, CA  
94043 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (71) PATIL, Nila [US/US]; 780 West California  
Way, Woodside, CA 94052 (US).  
*(only for / seulement pour US)*
- (72, 75) BERNO, Anthony, J. [CA/US]; 570  
South 12th Street, San Jose, CA 94112 (US).  
KONVICKA, Karel [CZ/US]; 360 Cow-  
per Street, Apt. 15, Palo Alto, CA 94301  
(US). HINDS, David, A. [US/US]; 100  
E. Middlefield Road, #6F, Mountain View,  
CA 94043 (US). SHEN, Naiping [CN/US];  
14111 Saratoga-Sunnyvale, Saratoga, CA  
95070 (US). STERN, David [US/US]; 1912  
Montecito Avenue, #1, Mountain View, CA  
94043 (US). SHEEHAN, John, B. [US/US];  
1525 Hollingsworth Drive, Mountain View,  
CA 94040 (US).
- (74) DEANA, A. Arnold, Ph, D.; Perlegen Sci-  
ences, Inc., 2021 Stierlin Court, Mountain  
View, CA 94043 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095223 (13) A2
- (21) PCT/US2004/006808
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) en (26) en
- (30) 10/408,867 **7 Apr/avr 2003** US  
(07.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND APPARATUS FOR  
RAPID DISTRIBUTION OF INFORMA-  
TION  
• PROCEDE ET DISPOSITIF  
POUR DISTRIBUTION RAPIDE  
D'INFORMATIONS
- (71) AVENTIS PHARMACEUTICALS INC.  
[US/US]; Route 202-206, P.O. Box 6800,  
Bridgewater, NJ 08807-0800 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) POWERS, Joseph [US/US]; 16E Lin-  
coln Place, North Brunswick, NJ 08902 (US).  
REHM, William [US/US]; 67 Haytown  
Road, Lebanon, NJ 08833 (US).
- (74) BERNABEO, Gregory, S.; 1101 Market  
Street, 2600 Aramark Tower, Philadelphia,  
PA 19107 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G06F

(11) WO 2004/095224 (13) A2  
(21) PCT/US2004/007448  
(22) 10 Mar/mar 2004 (10.03.2004)  
(25) en (26) en  
(30) 10/405,120 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • KEYBOARD CONFIGURATION SYSTEM  
• SYSTEME DE CONFIGURATION DE CLAVIERS

(71, 72) KURRISS, Francis, N. [US/US]; 6180 Canterbury Drive, Culver City, CA 90230 (US).

(74) JORDAN, Andrew, S.; Cislo & Thomas, LLP, 233 Wilshire Boulevard, Suite 900, Santa Monica, CA 90401 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095225 (13) A2  
(21) PCT/US2004/007705  
(22) 2 Apr/avr 2004 (02.04.2004)  
(25) en (26) en  
(30) 60/460,449 4 Apr/avr 2003 US (04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR TRACKING OF MAIL USING A UNIVERSAL CODING SYSTEM  
• SYSTEME ET PROCEDE DE SUIVI DU COURRIER AU MOYEN D'UN SYSTEME DE CODAGE UNIVERSEL

(71) UNITED STATES POSTAL SERVICE [US/US]; 475 L'Enfant Plaza, S.W., Washington, DC 20260-1135 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMILTON, Daryl [US/US]; 3920 Longfellow Street, Hyattsville, MD 20781-1742 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, NW, Washington, DC 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095226 (13) A2  
(21) PCT/US2004/007707  
(22) 5 Apr/avr 2004 (05.04.2004)  
(25) en (26) en  
(30) 60/460,307 5 Apr/avr 2003 US (05.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GENERATING ROYALTY REVENUE USING INTELLECTUAL PROPERTY  
• GENERATION D'UN REVENU DE REDEVANCE AU MOYEN DE LA PROPRIETE INTELLECTUELLE

(71) IDT CORPORATION [US/US]; 520 Broad Street, Newark, NJ 07102 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DIAZ, Luis, J. [US/US]; 15 Hickory Lane, Green Brook, NJ 08812 (US).  
DI-GIORGIO, James, A. [US/US]; 9 Ridge Road, Green Brook, NJ 08812 (US).

(74) SACHAR, Surinder; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095227 (13) A2  
(21) PCT/US2004/007714  
(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en  
(30) 60/457,524 25 Mar/mar 2003 US (25.03.2003)

(30) 10/462,574 16 Jun/juin 2003 US (16.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • UPDATING THE CONTENT OF A PRESENTATION VEHICLE IN A COMPUTER NETWORK  
• MISE A JOUR DU CONTENU D'UN VEHICULE DE PRESENTATION DANS UN RESEAU INFORMATIQUE

(71) CLARIA CORPORATION [US/US]; 555 Broadway Street, Redwood City, CA 94063 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARTIN, Anthony G. [CA/US]; 1060 Los Altos Avenue, Los Altos, CA 94022 (US).  
VANDEVELDE, Scott [US/US]; 849 College Avenue, Menlo Park, CA 94025 (US).  
GOULDEN, David L. [US/US]; 441 Grand Street, Redwood City, CA 94062 (US).

(74) BENEDICTO, Patrick D. et al. / etc.; Okamoto & Benedicto LLP, P.O. Box 641330, San Jose, CA 95164-1330 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations ; (t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F

(11) WO 2004/095228 (13) A2  
(21) PCT/US2004/007898  
(22) 16 Mar/mar 2004 (16.03.2004)  
(25) en (26) en  
(30) 60/458,096 27 Mar/mar 2003 US (27.03.2003)  
(30) 10/628,034 24 Jul/juil 2003 US (24.07.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR FACILITATING A SUBSIDIARY CARD ACCOUNT WITH CONTROLLED SPENDING CAPABILITY
- SYSTEME ET PROCEDE PERMETTANT DE FACILITER UN COMPTE DE CARTE AUXILIAIRE AVEC UNE CAPACITE DE DEPENSE CONTROLLEE
- (71) AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC. [US/US]; American Express Tower, World Financial Center, New York City, NY 10258-4900 (US).
- (72) DUNN, Melanie; 241 East 86th Street, #19D, New York City, NY 10028 (US). HOBBS, Chris; 16 Collyer Quay, No. 09-00 Hitachi Tower, Singapore 049318 (SG). MENICHILLI, Julie; 42 Buckminster Lane, Manahasset, NY 11030 (US). RANCES, Mary; 32 Saint Andrews Drive, Huntington, NY 11743 (US).
- (74) SOBELMAN, Howard, I.; Snell & Wilmer, L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095229 (13) A2
- (21) PCT/US2004/008265
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 10/397,101 25 Mar/mar 2003 US (25.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPACT PORTABLE WAVEFRONT SENSOR
- CAPTEUR A FRONT D'ONDE PORTABLE COMPACT
- (71) UNIVERSITY OF ROCHESTER [US/US]; Office of Technology Transfer URCM, 601 Elmwood Ave., Box OTT, Rochester, NY 14642 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOON, Geunyoung [KR/US]; 4 Whitlers Ridge, Pittsford, NY 14534 (US).
- (74) ALTMAN, Daniel, E.; KNOBBE, MARTENS, OLSON AND BEAR, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F
- (11) WO 2004/095231 (13) A2
- (21) PCT/US2004/008469
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/402,717 28 Mar/mar 2003 US (28.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ERROR DETECTION FOR MULTI-STREAM COMMUNICATIONS
- DETECTION D'ERREUR POUR COMMUNICATIONS MULTI-FLUX
- (71) ARRAYCOMM, INC. [US/US]; 2480 North First Street, Suite 200, San Jose, CA 95131 (US).
- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095230 (13) A2
- (21) PCT/US2004/008364
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/397,147 26 Mar/mar 2003 US (26.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • OPTIMIZATION SOFTWARE AND METHOD FOR VIDEO COMPRESSION UNDER MPEG
- LOGICIEL D'OPTIMISATION ET PROCEDE DE COMPRESSION VIDEO EN FORMAT MPEG
- (71) G2VIDEOS, INC. [US/US]; 1670 So. Amphlett Blvd, Suite 214, San Mateo, CA 94402 (US).
- (72) FOONG, James; 110 Mountain Road, South San Francisco, CA 94080 (US). TOY, Steve; 723 Widgeon Street, Foster City, CA 94404 (US).
- (74) ZHENG, Joe; Silicon Valley Patent Agency, 7394 Wildflower Way, Cupertino, CA 95014 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F
- (11) WO 2004/095232 (13) A2
- (21) PCT/US2004/008487
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 10/403,946 31 Mar/mar 2003 US (31.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PACKET FILTERING FOR LEVEL OF SERVICE ACCESS IN A PACKET DATA NETWORK COMMUNICATION SYSTEM
- FILTRAGE DE PAQUETS POUR NIVEAU D'ACCES DE SERVICE DANS UN SYSTEME DE TRANSMISSION PAR RESEAU DE PAQUETS DE DONNEES
- (71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AERRABOTU, Naveen [IN/US]; 7943 Dada Drive, Gurnee, IL 60031 (US). PECEN, Mark, E. [US/US]; 1935 S. Plum Grove Road, Palatine, IL 60067 (US). ZHAO, Yilin [CN/US]; 2742 Wilshire Lane, Northbrook, IL 60062 (US).
- (74) VAAS, Randall S. et al. / etc.; 600 North US Highway 45, Libertyville, IL 60048 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095233 (13) A2

(21) PCT/US2004/008603

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/403,396 31 Mar/mar 2003 US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR DIS-  
TANCE EXTENSION OF FIBRE-CHAN-  
NEL OVER TRANSPORT

• APPAREIL ET PROCEDE  
D'EXTENSION DE DISTANCE DE  
CANAUX DE FIBRES OPTIQUES SUR  
RESEAU DE TRANSPORT

(71) CISCO TECHNOLOGY, INC. [US/US];  
170 West Tasman Drive, M/S 10/2/1, San  
Jose, CA 95134-1706 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NATARAJAN, Sriram [IN/US]; 670  
Gail Avenue, #E2, Sunnyvale, CA 94086  
(US). PRASAD, Sharat [US/US]; 811 Ro-  
mani Court, San Jose, CA 95125 (US).  
DENG, Yu [CN/US]; 1046 Sandalwood  
Lane, Milpitas, CA 95035 (US). WANG,  
Yanfeng [CN/US]; 4261 Stevenson Blvd,  
#273, Fremont, CA 94538 (US).

(74) LANG, Dan, H.; Ritter, Lang & Kaplan LLP,  
Suite D1, 12930 Saratoga Avenue, Saratoga,  
CA 95070 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095234 (13) A2

(21) PCT/US2004/008715

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03/04299 7 Apr/avr 2003 FR  
(07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • EFFICIENT MULTIPLICATION SE-  
QUENCE FOR LARGE INTEGER  
OPERANDS WIDER THAN THE MUL-  
TIPLIER HARDWARE

• SEQUENCE DE MULTIPLICATION  
EFFICACE POUR DE GRANDS OPE-  
RANDES ENTIERS DE LONGUEUR  
SUPERIEURE AU MATERIEL MULTI-  
PLICATEUR

(71) ATMEL CORPORATION [US/US]; 2325  
Orchard Parkway, San Jose, CA 95131 (US).

(72) DUPAQUIS, Vincent; 4, rue du Collet,  
F-13124 Peypin (FR). PARIS, Laurent; 28,  
Le Ribas, F-13790 Rousset (FR).

(74) SCHNECK, Thomas; Schneck & Schneck,  
P. O. Box 2-E, San Jose, CA 95109-0005  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les  
désignations

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> G06F

(11) WO 2004/095235 (13) A2

(21) PCT/US2004/008843

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/456,509 24 Mar/mar 2003 US  
(24.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-MODE WIRELESS BRIDGE  
SYSTEM AND METHOD USING A  
SINGLE-RADIO TRANSCEIVER

• SYSTEME DE PONT MULTIMO-  
DAL SANS FIL REPOSANT SUR  
L'UTILISATION D'UN SEUL EMET-  
TEUR-RECEPTEUR RADIO

(71) QUORUM SYSTEMS, INC. [US/US];  
9330 Scranton Road, Suite 450, San Diego,  
CA 92121 (US).

(72, 75) MALONE, Lawrence, J. [US/US];  
3704 Azimuth Place, Carlsbad, CA 92008  
(US). Christensen, Lon, W. [US/US];  
4090-95 Rosenda Court, San Diego, CA  
92122 (US).

(74) HOM, Raymond, B.; Townsend and  
Townsend and Crew LLP, Two Embar-  
cadero Center, 8th Floor, San Francisco, CA  
94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095236 (13) A2

(21) PCT/US2004/008853

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/408,195 8 Apr/avr 2003 US  
(08.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INTERFACE AND METHOD FOR EX-  
PLORING A COLLECTION OF DATA

• INTERFACE ET PROCÉDÉ  
D'EXPLORATION D'UNE COLLEC-  
TION DE DONNÉES

(63) US 10/408,195 (CON)  
8 Apr/avr 2003 (08.04.2003)

(71) LINGUALCARE, INC. [US/US]; 5304  
Beltline Road, Dallas, TX 77254 (US).

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les États désignés sauf US)

(71, 72) WEISE, Thomas [DE/DE]; Nostitzs-  
trasse 22, 10961 Berlin (DE). RUBBERT,  
Ruedger [DE/DE]; Leonhardyweg 41, 12101  
Berlin (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(74) LINGUALCARE, INC.; 5304 Beltline  
Road, Dallas, TX 75254 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US (Patent  
/ brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F

(11) WO 2004/095237 (13) A2

(21) PCT/US2004/009190

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/420,414 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RELATIONSHIP VIEW

• VISUALISATION DE RELATIONS

(71) MICROSOFT CORPORATION [US/US];  
One Microsoft Way, Redmond, WA 98052  
(US).

(72) DRUCKER, Steven M.; 22555 W. Lake  
Sammamish Parkway, SE, Bellevue, WA  
98008 (US). WONG, Curtis G.; 301 109th  
Avenue, SE, Bellevue, WA 98004 (US).  
GLATZER, Asta L.; 7417 Old Redmond  
Road, Redmond, WA 98052 (US).

- (74) AMIN, Himanshu S. et al. / etc.; Amin & Turocy, LLP, 1900 E. 9th Street, 24th Floor, National City Center, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 1/00
- (11) WO 2004/095238 (13) A1
- (21) PCT/EP2004/002194
- (22) 4 Mar/mar 2004 (04.03.2004)
- (25) de (26) de
- (30) 103 18 031.1 19 Apr/avr 2003 DE (19.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR GUARANTEEING THE INTEGRITY AND AUTHENTICITY OF FLASHWARE FOR CONTROL DEVICES
- PROCEDE POUR GARANTIR L'INTEGRALITE ET L'AUTHEENTICITE D'UN «FLASHWARE» POUR DES APPAREILS DE COMMANDE
- (71) DAIMLERCHRYSLER AG [DE/DE]; Ep-lestrasse 225, 70567 Stuttgart (DE).  
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- (72, 75) KOBER, Heiko [DE/DE]; Hauptstrasse 7, 75365 Calw (DE). SCHNEIDER, Jutta [DE/DE]; Kressbacher Strasse 12, 72072 Tübingen (DE). SORG, Michael [DE/DE]; Katharina-Schmitz-Strasse 20, 50226 Frechen (DE). WIESER, Eva [DE/DE]; Mörikestrasse 69, 70199 Stuttgart (DE).
- (74) ESCHBACH, Arnold. et al. / etc.; Daimler-Chrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 1/00
- (11) WO 2004/095239 (13) A2
- (21) PCT/US2004/006027
- (22) 26 Feb/fév 2004 (26.02.2004)
- (25) en (26) en
- (30) 10/400,815 26 Mar/mar 2003 US (26.03.2003)
- (30) 10/400,600 26 Mar/mar 2003 US (26.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • LAND GRID ARRAY SOCKET LOADING DEVICE
- DISPOSITIF DE CHARGEMENT DE SUPPORT DE BOITIER LGA
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) BYQUIST, Tod; 16211 45th Avenue South, Tukwila, WA 98188 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 1/10
- (11) WO 2004/095240 (13) A2
- (21) PCT/US2004/003386
- (22) 6 Feb/fév 2004 (06.02.2004)
- (25) en (26) en
- (30) 10/394,938 21 Mar/mar 2003 US (21.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A METHOD AND APPARATUS FOR DETECTING ON-DIE VOLTAGE VARIATIONS
- PROCEDE ET APPAREIL PERMETTANT DE DETECTER DES VARIATIONS DE TENSION A L'INTERIEUR D'UNE PUCE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) KURD, Nasser; 4284 NW 125th Avenue, Portland, OR 97229 (US). BARKATULLAH, Javed; 14197 NW Stonebridge Drive, Portland, OR 97229 (US).
- (74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR
- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 1/16
- (11) WO 2004/095241 (13) A1
- (21) PCT/KR2004/000911
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ko (26) en
- (30) 20-2003-0012279 21 Apr/avr 2003 KR (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INTEGRATED CONTROL APPARATUS FOR KEYBOARD AND MOUSE
- APPAREIL DE COMMANDE INTEGRE DESTINE A UN CLAVIER ET UNE SOURIS
- (71, 72) LEE, Chun-Bong [KR/KR]; #2-B302 Yeongseon APT., 1928, Yeongseon-dong 4-ga, Yeongdo-gu, Busan 606-817 (KR).
- (74) KIM, Dong-Jin et al. / etc.; 6th Fl., Youngpoong Bldg., 142, Nonhyun-dong, Gangnam-gu, Seoul 135-749 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 1/16
- (11) WO 2004/095242 (13) A2
- (21) PCT/US2004/003687
- (22) 9 Feb/fév 2004 (09.02.2004)
- (25) en (26) en
- (30) 10/404,465 1 Apr/avr 2003 US (01.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DISPLAY SCREEN SEAL
- JOINT D'ETANCHEITE POUR ECRAN D'AFFICHAGE
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COBIAN, Paul J., [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **PECHMAN, Robert J., et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F 1/16

(11) WO 2004/095243 (13) A1

(21) PCT/US2004/004715

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 60/458,388 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LAPTOP COMPUTER CASE

• BOITIER D'ORDINATEUR PORTATIF

(71, 72) **WOO, Stephen** [US/US]; 21073 Wendy Drive, Torrance, CA 90503 (US).

(74) **BACKOFEN, Paul, J.**; Chan Law Group LC, P.O. Box 79159, Los Angeles, CA 90079-0159 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 1/26

(11) WO 2004/095244 (13) A1

(21) PCT/US2004/004215

(22) 11 Feb/fév 2004 (11.02.2004)

(25) en (26) en

(30) 10/395,494 24 Mar/mar 2003 US (24.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A DYNAMIC PROTECTION CIRCUIT  
• CIRCUIT DE PROTECTION DYNAMIQUE

(71) **INTEL CORPORATION** [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **VOGMAN, Viktor**; 3421 Reed Court SE, olympia, WA 98513 (US).

(74) **MALLIE, Michael, J.**; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 1/32

(11) WO 2004/095245 (13) A2

(21) PCT/GB2004/001613

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/422,674 24 Apr/avr 2003 US (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD AND CIRCUITRY FOR MANAGING POWER IN A SIMULTANEOUS MULTITHREAD PROCESSOR

• PROCÉDE ET CIRCUIT DE GESTION DE L'ÉNERGIE DANS UN PROCESSEUR MULTIFILIERE SIMULTANE

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, New York 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; PO Box 41, North Harbour, Portsmouth Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72, 75) **KALLA, Ronald** [US/US]; 2143 Hilton Head Drive, Round Rock, Texas 78664 (US). **PHAM, Minh, Michelle** [US/US]; 10401 North Lamar, #F102, Austin, Texas 78753 (US). **WARD III, John** [US/US]; 408 Geysers Avenue, Pflugerville, Texas 78660 (US).

(74) **LING, Christopher, John**; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 1/32

(11) WO 2004/095246 (13) A1

(21) PCT/US2004/003351

(22) 17 Feb/fév 2004 (17.02.2004)

(25) en (26) en

(30) 10/402,252 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD OF MESSAGE-BASED POWER MANAGEMENT

• SYSTEME ET PROCÉDE DE GESTION DE PUISSANCE A BASE DE MESSAGES

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Blvd., Mailstop SC4-202, Santa Clara, California 95052-8119 (US).

(72) **NAVEH, Alon**; 97 Usishkin Street, 47204 Ramat Hasharon (IL). **KUMAR, Mohan**; 18680 SW Marko Lane, Aloha, Oregon 97007 (US). **GUTMAN, Mickey**; 12 Tashah Street, 30900 Zichron-Yaacov (IL). **MARTWICK, Andrew**; 9837 Oakplace West, Folsom, California 95630 (US). **SOLOMON, Gary**; 17 Grasshopper Lane, Acton, Massachusetts 01720 (US).

(74) **COHEN, Mark, S.**; Eitan, Pearl, Latzer & Cohen Zedek, L.L.P., 10 Rockefeller Plaza, Suite 1001, New York, NY 10020 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 1/32

(11) WO 2004/095247 (13) A1

(21) PCT/US2004/003352

(22) 18 Feb/fév 2004 (18.02.2004)

- (25) en (26) en
- (30) 10/394,256 **24 Mar/mar 2003** US  
(24.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • REDUCING CPU AND BUS POWER WHEN RUNNING IN POWER-SAVE MODES  
• REDUCTION DE L'ENERGIE DE BUS ET D'UC LORS DU FONCTIONNEMENT EN MODE D'ECONOMIE D'ENERGIE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Blvd., Mailstop SC4-202, Santa Clara, CA 95052-8119 (US).
- (72) KAHN, Opher; 16 Haarava Street, P.O.Box 2194, 30900 Zichron Yacov (IL).
- (74) EITAN PEARL LATZER & COHEN ZEDEK L.L.P. et al. / etc.; 10 Rockefeller Plaza, Suite 1001, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> G06F 1/32
- (11) WO 2004/095248 (13) A2
- (21) PCT/US2004/005869
- (22) 27 Feb/fév 2004 (27.02.2004)
- (25) en (26) en
- (30) 10/411,818 **9 Apr/avr 2003** US  
(09.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PERFORMANCE SCHEDULING USING MULTIPLE CONSTRAINTS  
• PLANIFICATION DE PERFORMANCE AU MOYEN DE CONTRAINTES MULTIPLES
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) PERING, Trevor; 221 Jesse lane, # 4, Mountain View, CA 94041 (US).
- (74) MALLIE, Michael J.; Blakely, Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> G06F 3/00, G09B 23/28, G05B 19/42
- (11) WO 2004/095249 (13) A1
- (21) PCT/FR2004/000903
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) fr (26) fr
- (30) 03/04804 **17 Apr/avr 2003** FR  
(17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INTERACTIVE METHOD AND DEVICE FOR PROVIDING ASSISTANCE WITH MANUAL MOVEMENTS DURING MATERIAL PROCESSING  
• PROCEDE ET DISPOSITIF D'INTERACTION POUR L'ASSISTANCE AU GESTE MANUEL PENDANT LE TRAVAIL D'UNE MATIERE
- (71, 72) BELLANGER, Philippe [FR/FR]; Le Moulin, F-38160 Izeron (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :  
(u) for / pour US only / seulement

- (51)<sup>7</sup> G06F 3/00
- (11) WO 2004/095250 (13) A1
- (21) PCT/JP2003/005247
- (22) 23 Apr/avr 2003 (23.04.2003)
- (25) ja (26) ja
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • USB UPSTREAM DEVICE, USB CONNECTOR, AND USB CABLE  
• DISPOSITIF EN AMONT D'UN BUS USB, CONNECTEUR USB ET CABLE USB
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TSUTSUI, Tatsumi [JP/JP]; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP).
- (74) YAMANAKA, Ikuro et al. / etc.; Annex 2nd Floor, Nagoya Center Building, 2-22, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> G06F 3/00

- (11) WO 2004/095251 (13) A2
- (21) PCT/US2004/005349
- (22) 24 Feb/fév 2004 (24.02.2004)
- (25) en (26) en
- (30) 10/400,255 **27 Mar/mar 2003** US  
(27.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TOUCH SENSOR USING LIGHT CONTROL  
• CAPTEUR TACTILE UTILISANT UNE COMMANDE LUMINEUSE
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (72) BOTTARI, Frank J.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). RICHTER, Paul J.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). MOSHREFZADEH, Robert S.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). CROSS, Elisa M.; Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).
- (74) PECHMAN, Robert J., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F 3/033

- (11) WO 2004/095252 (13) A1
- (21) PCT/US2004/004497



(22) 16 Feb/fév 2004 (16.02.2004)

(25) en (26) en

(30) 10/395,964 25 Mar/mar 2003 US  
(25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH TRANSPARENCY TOUCH  
SCREEN  
• ECRAN TACTILE A TRANSPARENCE  
ELEVÉE(71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3M Center, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) RICHARD, James, T. [US/US];  
Post Office Box 33427, Saint Paul, MN  
55133-3427 (US). SMYTH, William, K.  
[US/US]; Post Office Box 33427, Saint Paul,  
MN 55133-3427 (US).(74) PECHMAN, Robert, J. et al. / etc.; Of-  
fice of Intellectual Property Counsel, Post Of-  
fice Box 33427, Saint Paul, MN 55133-3427  
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

## Declarations / Déclarations :

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)(t) for all designations / pour toutes les  
designations(51)<sup>7</sup> G06F 3/06

(11) WO 2004/095253 (13) A1

(21) PCT/IB2004/050481

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03101114.1 23 Apr/avr 2003 EP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PARTITION SELECTION FOR UNI-  
VERSAL STORAGE DEVICE• SELECTION DE PARTITION POUR UN  
DISPOSITIF DE STOCKAGE UNIVER-  
SEL(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) FONTIJN, Wilhelmus, F., J. [NL/NL];  
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-  
hoven (NL).(74) UITTENBOGAARD, Frank; Prof. Holst-  
laan 6, NL-5656 AA Eindhoven (NL).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

## Declaration / Déclaration :

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)(51)<sup>7</sup> G06F 3/06

(11) WO 2004/095254 (13) A1

(21) PCT/US2003/008937

(22) 21 Mar/mar 2003 (21.03.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMANTICALLY-AWARE, DYNAMIC,  
WINDOW-BASED DISC SCHEDUL-  
ING METHOD AND APPARATUS FOR  
BETTER FULFILLING APPLICATION  
REQUIREMENTS• PROCEDE ET APPAREIL DYNA-  
MIQUES, A COMPATIBILITE SE-  
MANTIQUE, DE PLANIFICATION DE  
DISQUE BASEE SUR DES FENETRES,  
PERMETTANT DE MIEUX REPOINDRE  
A DES EXIGENCES D'APPLICATIONS(71) SEAGATE TECHNOLOGY LLC  
[US/US]; 920 Disc Drive, Scotts Valley,  
CA 95066 (US).(72) IREN, Sami; 8085 Peebles Road, Pittsburgh,  
PA 15237 (US). RISKA, Alma; 915 Penn  
Avenue, #605, Pittsburgh, PA 15222 (US).  
RIEDEL, Erik; 1233 Palo Alto Street, Pitts-  
burgh, PA 15212 (US).(74) LENART, Robert, P.; Pietragallo, Bosick &  
Gordon, One Oxford Centre, 38th Floor, 301  
Grant Street, Pittsburgh, PA 15219 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PH PL PT  
RO RU SC SD SE SG SK SL TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).(51)<sup>7</sup> G06F 3/06

(11) WO 2004/095255 (13) A2

(21) PCT/US2004/012476

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,892 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISK ARRAY CONTROLLER WITH  
RECONFIGURABLE DATA PATH  
• CONTROLEUR D'UNITE MULTI-  
DISQUE AVEC CHEMIN DE DONNEES  
RECONFIGURABLE(71) NETCELL CORP. [US/US]; 2150 Trade  
Zone Blvd., Suite 203, San Jose, CA 95131  
(US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*(72, 75) STOLOWITZ, Michael, C. [US/US];  
2390 Saddleback Drive, Danville, CA 94506  
(US).(74) STOLOWITZ, Micah, D.; Stoel Rives LLP,  
900 SW Fifth Avenue, Suite 2600, Portland,  
Oregon 97204-1268 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G06F 3/06

(11) WO 2004/095256 (13) A2

(21) PCT/US2004/000532

(22) 8 Jan/jan 2004 (08.01.2004)

(25) en (26) en

(30) 10/411,745 11 Apr/avr 2003 US  
(11.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR TRANSFERRING LARGE AMOUNTS OF STORED DATA

• SYSTEME ET PROCEDE DE TRANSFERT DE GRANDES QUANTITES DE DONNEES EN MEMOIRE

(71) RAYTHEON COMPANY [US/US]; 141 Spring Street, Lexington, MA 02421-7899 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) HUTCHINGS, Henry, IV; 36 Green View Circle, Richardson, TX 75081-5440 (US). KAAKE, William, W., Jr.; 925 Heatherwood Drive, Wylie, TX 75098 (US). FIELDS, Jeffrey, K.; 3814 Cove Road, Rowlett, TX 75088 (US). DONG, Tunney, A.; 105 Clear Meadow Drive, Dallas, TX 75238 (US). BALCH, Kevin, Lee; 1425 Mayfield Avenue, Garland, TX 75041 (US). SPENCER, Rosemarie; 1507 E. Peters Colony Road, Carrollton, TX 75007-3951 (US).

(74) MEEK, Kevin, J.; Baker Botts, L.L.P., 2001 Ross Ave, Suite 600, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)<sup>7</sup> G06F 3/14

(11) WO 2004/095257 (13) A2

(21) PCT/US2004/012172

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/421,509 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR SUPPORTING SCROLLING OF CONTENTS IN A DISPLAY

• SYSTEME ET PROCEDE FACILITANT LE DEFILEMENT DES CONTENUS DANS UN AFFICHAGE

(71) COMPUTER ASSOCIATES THINK, INC. [US/US]; One Computer AssociateS Plaza, Islandia, NY 11749 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOOTILL, David [US/US]; 4049 West Mercer Way, Mercer Island, WA 98040 (US).

(74) STALFORD, Terry, J.; Fish & Richardson P.C., 5000 Bank One Center, 1717 Main Street, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations

(51)<sup>7</sup> G06F 7/00

(11) WO 2004/095258 (13) A1

(21) PCT/US2004/012101

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/419,396 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR SETTING SPEED/RESPONSE PERFORMANCE PARAMETERS OF A POWER DRIVEN WHEELCHAIR

• PROCEDE ET APPAREIL D'ETABLISSEMENT DE PARAMETRES DE FONCTIONNEMENT DE VITESSE/REPOSE D'UN FAUTEUIL ROULANT ENTRAINE PAR MOTEUR

(71) INVACARE CORPORATION [US/US]; One Invacare Way, Elyria, OH 44036-2125 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAKEFIELD, Theodore, D., II [US/US]; 5626 Huron Street, Vermilion, OH 44089 (US). JACONO, Julie, A. [US/US]; 22259 River Walk Road, Rocky River, OH 44116 (US).

(74) ZITELLI, William, E.; Calfee, Halter & Griswold, LLP, 1400 McDonald Investment Building, 800 Superior Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 7/48, 17/10

(11) WO 2004/095259 (13) A1

(21) PCT/US2004/007999

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/457,718 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PERFORMANCE PREDICTION METHOD FOR HYDROCARBON RECOVERY PROCESSES

• PREVISION DE PERFORMANCE DE PROCESSUS DE RECUPERATION D'HYDROCARBURE

(71) EXXONMOBIL UPSTREAM RESEARCH COMPANY [US/US]; CORP-URC-SW348, P.O. Box 2189, Houston, TX 77252-2189 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANG, Shan, H. [US/US]; 3605 Plumb Street, Houston, TX 77005 (US). MIERTSCHIN, John, W. [US/US]; 8615 Concerto Circle, Houston, TX 77040 (US). KUDVA, Ryan, A. [US/US]; 4107 Ridgepoint Drive, Pearland, TX 77584 (US). ARBABI, Stepehr [US/US]; 4819 Big Cedar Circle, Missouri City, TX 77459 (US).

(74) COLLINS, Douglas, J. et al. / etc.; Exxon-Mobil Upstream Research Company, CORP-URC-SW348, P.O. Box 2189, Houston, TX 77252-2189 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les designations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)<sup>7</sup> G06F 7/52

(11) WO 2004/095260 (13) A1

(21) PCT/US2004/005664

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 10/394,952 21 Mar/mar 2003 US  
(21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VERY HIGH RADIX DIVISION  
• DIVISION DE BASE TRES ELEVEE

(71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) TANG, Ping; 716 City Walk Place, Suite #2, Hayward, CA 94541 (US). FERGUSON, Warren; 411 Brazos Street, #108, Austin, TX 78701 (US).

(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 9/00

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(25) en (26) en

(30) 10/397,689 25 Mar/mar 2003 US  
(25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-THREADED TIME PROCESSING UNIT FOR TELECOMMUNICATION SYSTEMS  
• UNITE DE TRAITEMENT DE TEMPS MULTI-CHEMINEMENT POUR SYSTEMES DE TELECOMMUNICATION

(71) ARRAYCOMM, INC. [US/US]; 2480 N. First Street, Suite 200, San Jose, CA 95131 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOROS, Tibor [HU/US]; 400 Beale Street #903, San Francisco, CA 94105 (US). CHRABIEH, Rabih [FR/US]; 400 Beale Street, #903, San Francisco, CA 94105 (US). DAHLBY, Douglas, C. [US/US]; 3999 Wildflower Common, Fremont, CA 94538 (US).

(74) CALDWELL, Gregory, D.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/422,864 24 Apr/avr 2003 US  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISTRIBUTED SHARED RESOURCE MANAGEMENT  
• GESTION DE RESSOURCES PARTAGEES REPARTIES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth Hampshire PO6 3AU (GB). (only for / seulement pour MG)

(72, 75) STRAIT, Gary [US/US]; 17 Horseshoe Drive, Poughkeepsie, New York 12603 (US). VAN HUBEN, Gary [US/US]; 22 Daley Road, Poughkeepsie, New York 12603 (US). WALTERS, Craig [US/US]; 108 Half Moon Road, Highland, New York 12528 (US).

(74) FOURNIER, Kevin, John; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/40

(11) WO 2004/095263 (13) A2

(21) PCT/GB2004/001722

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309056.0 22 Apr/avr 2003 GB  
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(30) 0315164.4 30 Jun/juin 2003 GB  
(30.06.2003)

(30) 0322323.7 24 Sep/sep 2003 GB  
(24.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PARTIAL DEAD CODE ELIMINATION OPTIMIZATIONS FOR PROGRAM CODE CONVERSION

• OPTIMISATIONS DE L'ELIMINATION PARTIELLE DU CODE INUTILE EN VUE D'UNE CONVERSION DE CODE DE PROGRAMME

(71) TRANSITIVE LIMITED [GB/GB]; 5th Floor Alder Castle, 10 Noble Street, London EC2V 7QJ (GB).

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(72, 75) BOLTON, Ian, Graham [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester M3 2EG (GB). UNG, David [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester M3 2EG (GB).

(74) ROBINSON, Ian, Michael et al. / etc.; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/40

(11) WO 2004/095264 (13) A2

(21) PCT/GB2004/001725

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309056.0 22 Apr/avr 2003 GB  
(22.04.2003)

- (30) 0315164.4 **30 Jun/juin 2003** GB  
(**30.06.2003**)
- (30) 0320716.4 **4 Sep/sep 2003** GB  
(**04.09.2003**)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND APPARATUS FOR PERFORMING INTERPRETER OPTIMIZATIONS DURING PROGRAM CODE CONVERSION
- PROCEDE ET APPAREIL PUR REALISER DES OPTIMISATIONS D'INTERPRETE PENDANT UNE CONVERSION DE CODE DE PROGRAMME
- (71) TRANSITIVE LIMITED [GB/GB]; 5th Floor Alder Castle, 10 Noble Street, London EC2V 7QJ (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DANKEL, Gisle [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester M3 2EG (GB). BARRACLOUGH, Gavin [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester M3 2EG (GB). EVANS, Matthew, L. [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester M3 2EG (GB).
- (74) ROBINSON, Ian, Michael; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 9/40
- (11) WO 2004/095265 (13) A2
- (21) PCT/GB2004/001744
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 0309056.0 **22 Apr/avr 2003** GB  
(**22.04.2003**)
- (30) 0315164.4 **30 Jun/juin 2003** GB  
(**30.06.2003**)
- (30) 0320718.0 **4 Sep/sep 2003** GB  
(**04.09.2003**)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND APPARATUS FOR PERFORMING LAZY BYTESWAPPING OPTIMIZATIONS DURING PROGRAM CODE CONVERSION
- PROCEDE ET APPAREIL POUR LA REALISATION D'OPTIMISATIONS DE PERMUTATION PARESSEUSE D'OCTETS LORS DE LA CONVERSION DE CODES DE PROGRAMMES
- (71) TRANSITIVE LIMITED [GB/GB]; 5th Floor Alder Castle, 10 Noble Street, London EC2V 7QJ (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LOVETT, William, Owen [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester M3 2EG (GB). BROWN, Alex [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester M3 2EG (GB). BARRACLOUGH, Gavin [GB/GB]; Transitive Limited, Maybrook House, Blackfriars Street, Manchester M3 2EG (GB).
- (74) ROBINSON, Ian, Michael; Appleyard Lees, 15 Clare Road, Halifax HX1 2HY (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 9/40
- (11) WO 2004/095266 (13) A2
- (21) PCT/GB2004/000910
- (22) 4 Mar/mar 2004 (04.03.2004)
- (25) en (26) en
- (30) 0309273.1 **24 Apr/avr 2003** GB  
(**24.04.2003**)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EXECUTABLE FILE CREATION
- CREATION DE FICHER EXECUTABLE
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GRIFFITHS, Ian, George [GB/GB]; 12 Chilham Close, Boyatt Wood, Eastleigh, Hampshire SO50 4QZ (GB). HARRIS, Robert [GB/GB]; 4 Squirrel's Close, Christchurch, Dorset BH23 2PZ (GB).
- (74) LITHERLAND, David, Peter; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 9/40
- (11) WO 2004/095268 (13) A2
- (21) PCT/US2004/012055
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 10/421,612 **22 Apr/avr 2003** US  
(**22.04.2003**)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR INTEGRATING OBJECT-ORIENTED MODEL PROFILES AND OBJECT-ORIENTED PROGRAMMING LANGUAGES
- SYSTEME ET PROCEDE PERMETTANT D'INTEGRER DES PROFILS
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 9/40
- (11) WO 2004/095267 (13) A2
- (21) PCT/US2004/011839
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 10/414,644 **16 Apr/avr 2003** US  
(**16.04.2003**)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A SYSTEM AND METHOD FOR USING EXECUTION CONTEXTS IN BLOCK DIAGRAM MODELING
- SYSTEME ET PROCEDE D'UTILISATION DE CONTEXTES D'EXECUTION DANS LA MODELISATION D'UN SCHEMA DE PRINCIPE
- (71) THE MATHWORKS, INC. [US/US]; 3 Apple Hill Drive, Natick, MA 01760 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CIOLFI, John [US/US]; 32 Pickereel Road, Wellesley, MA 02482 (US). MANI, Ramamurthy [IN/US]; 169 High Rock Street, Needham, MA 02492 (US). OROFINO, Donald, P., II [US/US]; 32 Bent Road, Sudbury, MA 01776 (US). SHAKERI, Mojdeh [IR/US]; 5 Blendon Woods Drive, Southborough, MA 01772 (US). ULLMAN, Marc [US/US]; 6 Reservoir Ridge, Framingham, MA 01702 (US). YEDDANAPUDI, Murali [IN/US]; 107 Summer Street, Watertown, MA 02472 (US).
- (74) CANNING, Kevin, J. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VU VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 9/40
- (11) WO 2004/095268 (13) A2
- (21) PCT/US2004/012055
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 10/421,612 **22 Apr/avr 2003** US  
(**22.04.2003**)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR INTEGRATING OBJECT-ORIENTED MODEL PROFILES AND OBJECT-ORIENTED PROGRAMMING LANGUAGES
- SYSTEME ET PROCEDE PERMETTANT D'INTEGRER DES PROFILS

DE MODELE ORIENTES OBJET ET LANGAGES DE PROGRAMMATION ORIENTES OBJET

(71) **COMPUTER ASSOCIATES THINK, INC.** [US/US]; One Computer Associates Plaza, Islandia, NY 11749 (US).

(72) **WILSON, Kirk, D.**; 99 Post Road, Sugar Hill, NH 03585 (US). **CONDIT, Christopher, X.**; 733 Filbert Street, No.5, San Francisco, CA 94133 (US). **TANG, It-Beng**; 1178 Oliver Street, Redwood City, CA 94061 (US).

(74) **MILLS, Jerry, W.**; Baker Botts L.L.P., 2001 Ross Ave., Suite 600, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F 9/40

(11) **WO 2004/095269** (13) A2

(21) PCT/US2004/005665

(22) **25 Feb/fév 2004 (25.02.2004)**

(25) en (26) en

(30) 10/393,622 **21 Mar/mar 2003 US (21.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR MANAGING DISTRIBUTED OBJECTS AS A SINGLE REPRESENTATION

• SYSTEME ET PROCEDE DE GESTION D'OBJETS DISTRIBUES A REPRESENTATION UNIQUE

(71) **INTEL CORPORATION** [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **TORRANT, Marc**; 2207 North Street, #6, Sacramento, CA 95816 (US). **BALEME, Paul**; 3951 Meadow Wood Drive, El Dorado Hills, CA 95762 (US).

(74) **MALLIE, Michael, J.** et al. / etc.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/40

(11) **WO 2004/095270** (13) A2

(21) PCT/US2004/007694

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 60/458,427 **31 Mar/mar 2003 US (31.03.2003)**

(30) 10/735,628 **16 Dec/déc 2003 US (16.12.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM FOR PROVIDING A SMART CARD SCRIPTING TOOL

• PROCEDE ET SYSTEME ASSOCIES A UN OUTIL D'ECRIURE DE CARTES A PUCE

(71) **MAXIMUS, INC.** [US/US]; 11419 Sunset Hills Road, Reston, VA 20190 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCOTT, Roger, M.** [US/US]; 126 Vista Drive, Newport News, VA 23608 (US). **OKUHARA, Jeffrey, W.** [US/US]; 123 E. Little Bay Avenue, Yorktown, VA 23693 (US). **BARR, Thomas, J.** [US/US]; 101 Nina Circle, Williamsburg, VA 23188 (US). **NERING, Robert, J.** [US/US]; 94-436 Pawa Way, Mililani, HI 96789 (US). **MOON, Michael, C.** [US/US]; 5404-J Lane Place Drive, Williamsburg, VA 23188 (US).

(74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow Garrett & Dunner, L.L.P., 1300 I Street N.W., Washinton, D.C. 20005-3315 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/45

(11) **WO 2004/095271** (13) A2

(21) PCT/US2004/007649

(22) **11 Mar/mar 2004 (11.03.2004)**

(25) en (26) en

(30) 10/400,224 **26 Mar/mar 2003 US (26.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DYNAMIC DISTRIBUTED MAKE

• INSTRUCTION MAKE A DISTRIBUTION DYNAMIQUE

(71) **SUN MICROSYSTEMS, INC.** [US/US]; 4120 Network Circle, MS SCA 12-203, Santa Clara, CA 95054 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **MOLCHANOV, Nikolay** [RU/US]; 41238 Robert Avenue, #5, Fremont, CA 94538 (US). **PRAKASH, Raj** [US/US]; 20585 Carniel Avenue, Saratoga, CA 95070 (US).

(74) **RITCHIE, David, B.** et al. / etc.; Thelen Reid & Priest, LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/455

(11) **WO 2004/095272** (13) A1

(21) PCT/US2004/005662

(22) **25 Feb/fév 2004 (25.02.2004)**

(25) en (26) en

(30) 10/393,810 **21 Mar/mar 2003 US (21.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DYNAMIC SERVICE REGISTRY FOR VIRTUAL MACHINES

• DISPOSITIF D'ENREGISTREMENT DYNAMIQUE DE SERVICES POUR MACHINES VIRTUELLES

(71) **INTEL CORPORATION** [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **KNAUERHASE, Robert**; 4926 SW Corbett Avenue, #108, Portland, OR 97201 (US). **ROBINSON, Scott**; 4527 SW Humphrey Court, Portland, OR 97221 (US).

(74) **MALLIE, Michael, J.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 9/46

(11) WO 2004/095273 (13) A2

(21) PCT/IB2004/001210

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 0309413.3 24 Apr/avr 2003 GB  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ALERT FILTERING

• FILTRAGE DE MESSAGES D'ALERTE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) POLL, Leonard, H., D. [NL/GB]; c/o Philips Intellectual Property &amp; Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) WILLIAMSON, Paul, L.; c/o Philips Intellectual Property &amp; Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*(51)<sup>7</sup> G06F 9/46

(11) WO 2004/095274 (13) A2

(21) PCT/IB2004/050479

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03076189.4 23 Apr/avr 2003 EP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF AND SYSTEM TO SET AN OUTPUT QUALITY OF A MEDIA FRAME

• PROCÉDE ET SYSTEME PERMETTANT D'ETABLIR UNE QUALITE DE SORTIE POUR UNE IMAGE SUR UN SUPPORT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) VERHAEGH, Wilhelmus, F., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WUST, Clemens, C. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*(51)<sup>7</sup> G06F 9/46

(11) WO 2004/095275 (13) A2

(21) PCT/US2004/012487

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/420,253 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR CREATING AN EXECUTION SHIELD

• PROCÉDE ET SYSTEME DE CRÉATION D'UNE PROTECTION PENDANT L'EXÉCUTION

(71) RED HAT, INC. [US/US]; 1801 Varsity Drive, Raleigh, NC 27606 (US).

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(72, 75) MOLNAR, Ingo [DE/DE]; Siedlerweg 31, 15345 Gagel (DE).

(74) PHILLIPS, Steven, B.; 2200 West Main Street, Suite 800, Durham, NC 27705 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)**(t) for all designations / pour toutes les désignations*(51)<sup>7</sup> G06F 11/00

(11) WO 2004/095276 (13) A2

(21) PCT/GB2004/001664

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,565 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CORRECTIVE ACTIONS FOR SERVERS WITH SHARED RESOURCES

• ACTIONS CORRECTRICES POUR SERVEURS AVEC RESSOURCES PARTAGEES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

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(71) IBM UNITED KINGDOM LIMITED [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).

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(72, 75) CHILDRESS, Rhonda [US/US]; 8515 W Potosi Cove, Austin, TX 78717 (US). LANEY, Mark, Anthony [US/US]; 3104 Dawn Mesa Court, Round Rock, TX 78664 (US). MINYEN, Reid, Douglas [US/US]; 132 Cross Creek, Lakeway, TX 78734 (US). PENNELL, Neil, Raymond [GB/US]; 12915 Partridge Bend, Austin, TX 78729 (US).

(74) BURT, Roger, James; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 11/00

(11) WO 2004/095277 (13) A1

(21) PCT/JP2003/005237

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FILE CONTROL METHOD, PROGRAM  
AND DEVICE

• PROCEDE DE COMMANDE DE FI-  
CHERS, PROGRAMME ET DISPOSI-  
TIF ASSOCIES

(71) FUJITSU LIMITED [JP/JP]; 1-1,  
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les États désignés sauf US)

(72, 75) TANAKA, Isao [JP/JP]; c/o FUJITSU  
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211-8588 (JP).

(74) TAKEUCHI, Susumu; 8 Floor, Shimizu  
Building, 25-47, Nishi-Shinbashi 3-chome,  
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(81) JP US.

(51)<sup>7</sup> G06F 11/00, G08C 15/00, H04J 3/14,  
3/16, H04L 1/00, 12/26, 12/28, 12/56

(11) WO 2004/095278 (13) A1

(21) PCT/US2004/005684

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 60/462,998 15 Apr/avr 2003 US  
(15.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR  
ROUTER PORT CONFIGURATION

• PROCEDE ET APPAREIL POUR  
CONFIGURER UN PORT DE ROU-  
TEUR

(71) THOMSON LICENSING S.A. [FR/FR];  
46, Quai A. Le Gallo, F-92648 Boulogne  
(FR).

(for all designated States except / pour tous  
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(72, 75) MAYERNICK, Mark, Ryan [US/US];  
1140 Portland Place, Suite #306, Boulder, CO  
80304 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; Two In-  
dependence Way, Suite #200, Princeton, NJ  
08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> G06F 11/267, 11/273

(11) WO 2004/095279 (13) A1

(21) PCT/GB2003/003994

(22) 17 Sep/sep 2003 (17.09.2003)

(25) en (26) en

(30) 10/417,335 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DIAGNOSTIC CIRCUIT FOR AN INTE-  
GRATED CIRCUIT

• CIRCUIT DIAGNOSTIQUE POUR CIR-  
CUIT INTEGRE

(71) ARM LIMITED [GB/GB]; 110 Fulbourn  
Road, Cherry Hinton, Cambridge CB1 9NJ  
(GB).

(72) KIMELMAN, Paul; 110 Castle Crest Road,  
Alamo, CA 94507 (US). FIELD, Ian; 1756  
Carmel Drive #222, Walnut Creek, CA 94596  
(US).

(74) ROBINSON, Nigel, Alexander, Julian et al.  
/ etc.; D. Young & Co., 120 Holborn, London  
EC1N 2DY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM  
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> G06F 11/28

(11) WO 2004/095280 (13) A2

(21) PCT/GB2003/004016

(22) 17 Sep/sep 2003 (17.09.2003)

(25) en (26) en

(30) 10/417,329 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DIAGNOSTIC DATA CAPTURE  
WITHIN AN INTEGRATED CIRCUIT

• SAISIE DE DONNEES DE DIAGNOS-  
TIC DANS UN CIRCUIT INTEGRE

(71) ARM LIMITED [GB/GB]; 110 Fulbourn  
Road, Cherry Hinton, Cambridge CB1 9NJ  
(GB).

(72) KIMELMAN, Paul; 110 Castle Crest Road,  
Alamo, CA 94507 (US). FIELD, Ian; 1756  
Carmel Drive, #222 Walnut Creek, CA 94596  
(US).

(74) ROBINSON, Nigel, Alexander, Julian; D.  
Young & Co., 120 Holborn, London EC1N  
2DY (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM  
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> G06F 11/30, H04L 9/00

(11) WO 2004/095281 (13) A2

(21) PCT/US2004/012127

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/419,548 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR NET-  
WORK QUALITY OF SERVICE PRO-  
TECTION ON SECURITY BREACH  
DETECTION

• SYSTEME ET PROCEDE POUR PRE-  
SERVER LA QUALITE DE SERVICES  
D'UN RESEAU LORS DE LA DETEC-  
TION DE BRECHES DE SECURITE

(71) IPOLICY NETWORKS, INC. [US/US];  
47467 Fremont Blvd., Fremont, CA 94538  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) PAREKH, Pankaj; 44522 Gabrielino  
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Sandeep; 45, Anekant Apartments, Vasund-  
hara Enclave, Delhi 110096 (IN). MAM-  
TANI, Vijay; D1C/52-C Janak Puri, New  
Delhi 110058 (IN). SARPAL, Saurabh;  
4401 Central Ave #30, Fremont, CA 94536  
(US).

(74) BOTJER, William, L.; PO Box 478, Center  
Moriches, NY 11934 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 11/34, 9/38

(11) WO 2004/095282 (13) A1

(21) PCT/GB2004/001586

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

- (30) 10/422,025      **23 Apr/avr 2003**    US  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ACCOUNTING METHOD AND LOGIC FOR DETERMINING PER-THREAD PROCESSOR RESOURCE UTILIZATION IN A SIMULTANEOUS MULTI-THREADED (SMT) PROCESSOR
- PROCEDE ET LOGIQUE DE COMPTABILITE POUR LA DETERMINATION D'UTILISATION DE RESSOURCES DE PROCESSEUR POUR CHAQUE FILIERE DANS UN PROCESSEUR MULTIFILIERE SIMULTANE
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).  
*(only for / seulement pour MG)*
- (72, 75) ARMSTRONG, William, Joseph [US/US]; 5106 Nicklaus Drive NW, Rochester, MN 55901 (US). FLOYD, Michael, Stephen [US/US]; 15108 Terra verde Drive, Austin, TX 78717 (US). LEITNER, Larry, Scott [US/US]; 11328 Avering lane, Austin, TX 78754 (US). KALLA, Ronald, Nick [US/US]; 2143 Hilton Head Drive, Round Rock, TX 78664 (US). SINHAROY, Balaram [US/US]; 15E Hudson Harbor Drive, Poughkeepsie, NY 12601 (US).
- (74) WALDNER, Philip; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 11/36
- (11) WO 2004/095283      (13) A2
- (21) PCT/US2004/004092
- (22) 11 Feb/fév 2004 (11.02.2004)
- (25) en      (26) en
- (30) 10/395,557      **24 Mar/mar 2003**    US  
(24.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A METHOD FOR CPU SIMULATION USING VIRTUAL MACHINE EXTENSIONS
- PROCEDE DE SIMULATION D'UNITE CENTRALE FAISANT APPEL A DES EXTENSIONS DE MACHINE VIRTUELLE
- (71) INTEL CORPORATION (a corporation of Delaware) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) LEVIT-GUREVICH, Konstantin; 34A/8 Shivtei Israel Street, 27221 Kiryat Byalik (IL). LIKUMOVICH, Igor; 313/36 Pinkhas Lavon Street, 42701 Netanya (IL). SHAMIR, Ido; Pob 90, 42875 Kfar-Monash (IL).
- (74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06F 12/00
- (11) WO 2004/095284      (13) A2
- (21) PCT/GB2004/001726
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en      (26) en
- (30) 10/422,500      **23 Apr/avr 2003**    US  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • STORAGE SYSTEM CLASS DISTINCTION CUES FOR RUN-TIME DATA MANAGEMENT
- INDICES DE DISTINCTION DE CLASSES DE SYSTEME DE STOCKAGE POUR LA GESTION DE DONNEES DE TEMPS D'EXECUTION
- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth Hampshire PO6 3AU (GB).  
*(only for / seulement pour MG)*
- (72, 75) BOYD, Kenneth, Wayne [US/US]; 855 North Camino Cordon, Tucson, Arizona 85748 (US). FRISKE, Robert, Charles [US/US]; 4684 Windberry Lane, Milford, Michigan 48380 (US). HOOD, Robert, Allen [US/US]; 23265 Lago Mar Circle, Boca Raton, Florida 33433 (US). KALOS, Matthew, Joseph [US/US]; 5435 East Heatherwood Way, Tucson, Arizona 85718 (US). KERN, Robert, Frederic [US/US]; 5128 N. Fairway Heights Drive, Tucson, Arizona 85749 (US).
- (74) LING, Christopher, John; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester Hampshire SO21 2JN (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G06F 12/00
- (11) WO 2004/095286      (13) A2
- (21) PCT/US2004/012305
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en      (26) en
- (30) 60/464,462      **22 Apr/avr 2003**    US  
(22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).



- (54) • METHOD AND APPARATUS FOR SHARED MULTI-BANK MEMORY
- PROCEDE ET DISPOSITIF POUR MEMOIRE A BLOCS MULTIPLES PARTAGEE
- (71) **AGERE SYSTEMS INC.** [US/US]; 1110 American Parkway NE, Allentown, PA 18109 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHIN, Chung, Kuang** [US/US]; 18820 Bellgrove Circle, Saratoga, CA 95070 (US).  
**FANN, Yaw** [—/US]; 1001 South Main Street-#J204, Milpitas, CA 95035 (US).  
**MYERS, Roy, T., Jr.** [US/US]; 3046 Ryan Avenue, Santa Clara, CA 95051 (US).
- (74) **MASON, Kevin, M.**; Ryan, Mason & Lewis, LLP, Suite 205, 1300 Post Road, Fairfield, CT 06824 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G06F 12/00**
- (11) **WO 2004/095287** (13) A2
- (21) PCT/US2004/001352
- (22) **20 Jan/jan 2004 (20.01.2004)**
- (25) en (26) en
- (30) 10/407,145 **4 Apr/avr 2003** US (04.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NETWORK-ATTACHED STORAGE SYSTEM, DEVICE, AND METHOD SUPPORTING MULTIPLE STORAGE DEVICE TYPES
- SYSTEME, DISPOSITIF ET PROCEDE DE STOCKAGE LIES A UN RESEAU, COMPATIBLES AVEC DIFFERENTS TYPES DE DISPOSITIFS DE STOCKAGE
- (71) **BLUEARC UK LIMITED** [GB/US]; Queensgate House, Cookham Road, Bracknell, Berkshire RG12 1RB (GB).  
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- (72, 75) **PENNEY, Brett, A.** [US/US]; 327 Summerfield Drive, Milpitas, CA 95035 (US). **CLARKSON, Neil, A.** [GB/GB]; 41 Sandown Way, Newbury, Berkshire RG14 7SB (GB). **BARRALL, Geoffrey, S.** [GB/US]; 1741 Dorrance Drive, San Jose, CA 95125 (US).
- (74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G06F 12/00**
- (11) **WO 2004/095289** (13) A1
- (21) PCT/US2004/003498
- (22) **6 Feb/fév 2004 (06.02.2004)**
- (25) en (26) en
- (30) 10/396,786 **25 Mar/mar 2003** US (25.03.2003)
- (30) 10/607,041 **26 Jun/juin 2003** US (26.06.2003)
- (30) 10/606,699 **26 Jun/juin 2003** US (26.06.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MEMORY MANAGEMENT IN A DATA PROCESSING SYSTEM
- GESTION DE MEMOIRE DANS UN SYSTEME DE TRAITEMENT DE DONNEES
- (71) **FREESCALE SEMICONDUCTOR, INC.** [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).  
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- (72, 75) **MOYER, William, C.** [US/US]; 1005 Pier Branch Road, Dripping Springs, TX 78620 (US). **MARSHALL, Ray** [GB/GB]; 26 Forge End, Hertfordshire, St. Albans AL2 3EQ (GB).
- (74) **GODDARD, Patricia, S.**; Freescale Semiconductor, Inc., 7700 West Parmer Lane, MD:TX32/PL02, Austin, TX 78729-8084 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G06F 12/00**
- (11) **WO 2004/095290** (13) A2
- (21) PCT/US2004/005522
- (22) **26 Feb/fév 2004 (26.02.2004)**
- (25) en (26) en
- (30) 10/394,984 **21 Mar/mar 2003** US (21.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR DYNAMIC MIRROR-BANK ADDRESSING
- SYSTEME ET PROCEDE POUR L'ADRESSAGE DE BLOCS MEMOIRES EN MODE MIROIR DYNAMIQUE
- (71) **CISCO TECHNOLOGY, INC.** [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).
- (72) **JETER, Robert, E., Jr.**; 1021 Links Drive, Morrisville, NC 27560 (US). **POTTER, Kenneth, H., Jr.**; 5404 Amsterdam Place, Raleigh, NC 27606-9708 (US).
- (74) **REINEMANN, Michael, R.** et al. / etc.; Cesari and McKenna, LLP, 88 Black Falcon Avenue - Suite 271, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- (54) • VIRTUAL ORDERED WRITES
- ECRITURES ORDONNEES VIRTUELLES
- (71) **EMC CORPORATION** [US/US]; 176 South Street, Hopkinton, MA 01748 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MEIRI, David** [IL/US]; 392 Franklin Street, Apt. 2, Cambridge, MA 02139 (US). **HALSTEAD, Mark, J.** [US/US]; 35 Gleason Street, Watertown, MA 02474 (US). **KOPYLOVITZ, Haim** [IL/US]; 1175 Chestnut Street, Unit 23, Newton, MA 02464 (US). **YODER, Benjamin, W.** [US/US]; 1400 Worcester Road, Apt. 7209, Framingham, MA 01702 (US). **OFER, Adi** [IL/US]; 96 Washburn Avenue, Wellesley, MA 02481 (US). **MORESHEH, Hana** [US/US]; 15 Bellwood Way, Framingham, MA 01701 (US).
- (74) **MUIRHEAD, Donald, W.**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G06F 12/00**
- (11) **WO 2004/095290** (13) A2
- (21) PCT/US2004/005522
- (22) **26 Feb/fév 2004 (26.02.2004)**
- (25) en (26) en
- (30) 10/394,984 **21 Mar/mar 2003** US (21.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR DYNAMIC MIRROR-BANK ADDRESSING
- SYSTEME ET PROCEDE POUR L'ADRESSAGE DE BLOCS MEMOIRES EN MODE MIROIR DYNAMIQUE
- (71) **CISCO TECHNOLOGY, INC.** [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).
- (72) **JETER, Robert, E., Jr.**; 1021 Links Drive, Morrisville, NC 27560 (US). **POTTER, Kenneth, H., Jr.**; 5404 Amsterdam Place, Raleigh, NC 27606-9708 (US).
- (74) **REINEMANN, Michael, R.** et al. / etc.; Cesari and McKenna, LLP, 88 Black Falcon Avenue - Suite 271, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> G06F 12/00

(11) WO 2004/095291 (13) A2

(21) PCT/US2004/007655

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/406,798 2 Apr/avr 2003 US  
(02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CACHE ALLOCATION

• ATTRIBUTION DE CACHE

(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).

(72) NARAD, Charles; 5872 Arboretum Drive,  
Los Altos, CA 94024 (US).

(74) HARRIS, Scott, C. et al. / etc.; Fish &  
Richardson, P.C., 12390 El Camino Real, San  
Diego, CA 92130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 12/12, H04L 29/06

(11) WO 2004/095292 (13) A1

(21) PCT/US2004/008885

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/421,581 21 Apr/avr 2003 US  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS TO UP-  
DATE A CACHE FOR SECURITY  
RECORDS

• PROCEDE ET APPAREIL PERMET-  
TANT D'ACTUALISER UNE ME-  
MOIRE CACHE POUR DOCUMENTS  
RELATIFS A LA SECURITE

(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).

(72) ELDAR, Avigdor; 6965 NE Ronler  
Way, #1914, Hillsboro, OR 97124 (US).  
TRUMPER, Fabian; 34/2 Em Ek Hacla  
Street, 71700 Modjin (IL). VLODAVSKY,  
Zvi; 34 Arbel Street, 90805 Mevaseret-Zion

(IL). ROSENBLAT, Ariel; 2021 Atwater  
#1609, Montreal, Quebec H3H 2P2 (CA).

(74) MALLIE, Michael, J. et al. / etc.; Blakely  
Sokoloff Taylor & Zafman, 7th Floor, 12400  
Wilshire Boulevard, Los Angeles, CA 90025  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 13/00

(11) WO 2004/095293 (13) A1

(21) PCT/JP2004/005676

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-119563 24 Apr/avr 2003 JP  
(24.04.2003)

(30) 2003-119564 24 Apr/avr 2003 JP  
(24.04.2003)

(30) 2003-119562 24 Apr/avr 2003 JP  
(24.04.2003)

(30) 2003-119565 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VIDEO DEVICE, VIDEO MODULE  
UNIT, AND VIDEO DEVICE OPERA-  
TION METHOD

• DISPOSITIF VIDEO, UNITE A  
MODULE VIDEO, ET PROCEDE  
D'EXPLOITATION DU DISPOSITIF  
VIDEO

(71) MITSUBISHI DENKI KABUSHIKI  
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(72, 75) YOSHIMOTO, Kyosuke [JP/JP]; c/o  
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(74) OIWA, Masuo; 14-1, Minamitsuk-  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(21) PCT/JP2004/005918

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-120544 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTENT DISTRIBUTION SYSTEM,  
DISTRIBUTION METHOD, CONTENT  
PROCESSING DEVICE, AND PRO-  
CESSING METHOD

• SYSTEME DE DISTRIBUTION DE  
CONTENUS, PROCEDE DE DISTRI-  
BUTION, DISPOSITIF DE TRAITE-  
MENT DE CONTENUS ET PROCEDE  
DE TRAITEMENT

(71) SONY CORPORATION [JP/JP]; 7-35 Ki-  
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(74) KOIKE, Akira et al. / etc.; 11th Floor  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ

TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 13/00

- (11) WO 2004/095295 (13) A2  
(21) PCT/US2004/010864  
(22) 8 Apr/avr 2004 (08.04.2004)  
(25) en (26) en  
(30) 10/418,370 18 Apr/avr 2003 US (18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • VARIOUS METHODS AND APPARATUS FOR ARBITRATION AMONG BLOCKS OF FUNCTIONALITY  
• DIVERS PROCÉDES ET APPAREILS D'ARBITRAGE DE BLOCS DE FONCTIONNALITE

- (71) SONICS, INC. [US/US]; 2440 West El Camino Real, Suite #620, Mountain View, CA 94040 (US).  
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- (72) WEBER, Wolf-Dietrich; 5851 Meander Drive, San Jose, CA 95120 (US). SWARBICK, Ian, Andrew; 151 South Bernardo Avenue, Apt., 28, Sunnyvale, CA 94086 (US). TOMLINSON, Jay, S.; 5516 Del Oro Drive, San Jose, CA 95124 (US).

- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 13/00

- (11) WO 2004/095296 (13) A2  
(21) PCT/US2004/011943  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 10/418,624 18 Apr/avr 2003 US (18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • A METHOD AND APPARATUS FOR ROUND ROBIN RESOURCE ARBITRATION  
• PROCÉDE ET APPAREIL POUR ARBITRAGE DE RESSOURCES DE PERMUTATION CIRCULAIRE

- (71) SONICS, INC. [US/US]; Suite 620, 2440 West El Camino Real, Mountain View, CA 94040 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

- (72) MEYER, Michael, J.; 1575 Edgewood Drive, Palo Alto, CA 94303 (US). WINGARD, Drew; 1059 Hewitt Drive, San Carlos, CA 90470 (US). WEBER, Wolf-Dietrich; 5851 Meander Drive, San Jose, CA 95120 (US).

- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 13/00

- (11) WO 2004/095297 (13) A2  
(21) PCT/US2004/004219  
(22) 11 Feb/fév 2004 (11.02.2004)  
(25) en (26) en  
(30) 10/396,071 25 Mar/mar 2003 US (25.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • A HIGH PERFORMANCE SERIAL BUS TESTING METHODOLOGY  
• METHODOLOGIE POUR TESTER DES BUS SÉRIELS AVEC DES PERFORMANCES ÉLEVÉES

- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

- (72) NEJEDLO, Jay; 6876 S.W. Aldercrest Court, Wilsonville, OR 97070 (US). WIZNEROWICZ, Michael; 13970 S.W. Scholls Ferry Road, Suite #101, Beaverton, OR 97007 (US). ELLIS, David; 5125 S.W. Prosperity Park Road, Tualatin, OR 97062 (US). GLASS, Richard, S.; 1522 Sweetwater Loop S.W., Olympia, WA 98512 (US). MARTWICK, Andrew; 9837 Oakplace West, Folsom, CA 95630 (US). SCHOENBORN, Theodore; 4806 NE 21st Avenue, Portland, OR 97211 (US).

- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 13/00

- (11) WO 2004/095298 (13) A2  
(21) PCT/US2004/004220  
(22) 11 Feb/fév 2004 (11.02.2004)  
(25) en (26) en  
(30) 10/402,779 28 Mar/mar 2003 US (28.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD AND APPARATUS FOR DETECTING MEMORY DEVICE INTERFACE  
• PROCÉDE ET APPAREIL POUR DÉTECTER L'INTERFACE DE DISPOSITIFS MÉMOIRES

- (71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

- (72) POISNER, David; 205 Penry Square, Folsom, CA 95630 (US).

- (74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 13/16, 13/40

- (11) WO 2004/095299 (13) A1  
(21) PCT/US2004/004214  
(22) 11 Feb/fév 2004 (11.02.2004)  
(25) en (26) en  
(30) 10/404,982 31 Mar/mar 2003 US (31.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • OPPORTUNISTIC READ COMPLETION COMBINING  
• COMBINAISON D'EXECUTION DE LECTURE OPPORTUNISTE  
(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(72) CRETA, Kenneth; 3010 37th Street, NW, Gig Harbor, WA 98335 (US). MUTHRASANALLUR, Sridhar; 1650

- Honeysuckle Lane SE, #22-304, Tumwater, WA 98512 (US).
- (74) **MALLIE, Michael, J. et al. / etc.;** Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G06F 13/42**
- (11) **WO 2004/095300** (13) A1
- (21) PCT/EP2004/004223
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) de (26) de
- (30) 103 18 451.1 **23 Apr/avr 2003 DE (23.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **METHOD FOR ADDRESSING MODULES OF A BUS SYSTEM**
- **PROCEDE POUR ADRESSER DES MODULES D'UN SYSTEME DE BUS**
- (71) **ENDRESS+HAUSER CONDUCTA GESELLSCHAFT FÜR MESS- UND REGELTECHNIK MBH + CO. KG** [DE/DE]; Dieselstrasse 24, 70839 Gerlingen (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEUEL, Stefan** [DE/DE]; Bachenbergstrasse 71, 72124 Pliezhausen (DE). **GEHRKE, Martin** [DE/DE]; Adelheidweg 13/2, WEINSTEDT 71384 (DE). **GROZINGER, Roland** [DE/DE]; Kaiserstuhlweg 3a, 79219 Staufen (DE). **MAIER, Stefan** [DE/DE]; Neue Heimat 7, 79618 Rheinfelden (DE).
- (74) **HAHN, Christian;** c/o Endress + Hauser (DE) Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G06F 15/00, H04L 9/32**
- (11) **WO 2004/095301** (13) A1
- (21) PCT/JP2004/005740
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) ja (26) ja
- (30) 2003-115754 **21 Apr/avr 2003 JP (21.04.2003)**
- (30) 2004-095272 **29 Mar/mar 2004 JP (29.03.2004)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **TERMINAL DEVICE AUTHENTICATION SYSTEM**
- **SYSTEME D'AUTHENTIFICATION POUR DISPOSITIF TERMINAL**
- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIURA, Takayuki** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001KATSUBE, **Tomohiro** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001SUZUKI, **Naoshi** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001
- (74) **NAKAMURA, Tomoyuki;** c/o Miyoshi International Patent Office 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku Tokyo, 1050001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 15/16**
- (11) **WO 2004/095302** (13) A2
- (21) PCT/US2003/041184
- (22) **22 Dec/déc 2003 (22.12.2003)**
- (25) en (26) en
- (30) 10/396,667 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **COMPUTING SYSTEM FABRIC AND ROUTING CONFIGURATION AND DESCRIPTION**
- **CONFIGURATION ET DESCRIPTION DE STRUCTURE DE SYSTEME INFORMATIQUE ET DE ROUTAGE POUR CE DERNIER**
- (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68 P.O.Box 3453, Sunnyvale, CA 94088-3453 (US).
- (72) **WILLOUGHBY, Brian, D.;** 4014 Fountainwood Circle, Georgetown, TX 78628
- (US). **MATTRESS, Michael, V.;** 9417 Linkmeadow Drive, Austin, TX 78748 (US).
- (74) **DRAKE, Paul, S.;** Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G06F 15/173**
- (11) **WO 2004/095303** (13) A1
- (21) PCT/US2003/008726
- (22) **21 Mar/mar 2003 (21.03.2003)**
- (25) en (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **KNOWLEDGE GOVERNING SYSTEM AND METHOD**
- **SYSTEME ET PROCEDE DE GESTION DES CONNAISSANCES**
- (71) **SYNTHEAN, INC.** [US/US]; 6300 Variel Avenue, Suite H, Woodland Hills, CA 91367 (US).
- (72) **KLEIN, Moshe;** 6300 Variel Avenue, Suite H, Woodland Hills, CA 91367 (US). **SHWARTZ, Alon;** 6300 Variel Avenue, Suite H, Woodland Hills, CA 91367 (US). **ZAFRANI, Jim Haim;** 6300 Variel Avenue, Suite H, Woodland Hills, CA 91367 (US).
- (74) **KLEINBERG, Marvin, H.;** Kleinberg & Lerner, LLP, 2049 Century Park East, Suite 1080, Los Angeles, CA 90067-3150 (US).
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Declaration / Déclaration :  
(s) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> **G06F 15/173**
- (11) **WO 2004/095304** (13) A1
- (21) PCT/US2004/012535
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 60/473,355 **23 Apr/avr 2003 US (23.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **NETWORK STORAGE APPLIANCE WITH INTEGRATED REDUNDANT SERVERS AND STORAGE CONTROLLERS**
- **SYSTEME DE STOCKAGE DE RESEAU COMPRENANT DES SERVEURS REDONDANTS INTEGRES ET DES UNITES DE COMMANDE DE STOCKAGE**

(71) **DOT HILL SYSTEMS CORPORATION** [US/US]; 6305 El Camino Real, Carlsbad, CA 92009 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **KALWITZ, George** [US/US]; 115 Silo Ct, Mead, CO 80542 (US). **DAVIES, Ian** [US/US]; 3950 Hawthorne Circle, Longmont, CO 80503 (US). **PECONE, Victor** [US/US]; 111 Eagle Canyon Circle, Lyons, CO 80540 (US).

(74) **HUFFMAN LAW GROUP, P.C.**; 1832 N. Cascade Ave., Colorado Springs, CO 80907 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06F 15/173

(11) WO 2004/095305 (13) A1

(21) PCT/US2004/008499

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/459,166 31 Mar/mar 2003 US (31.03.2003)

(30) 10/409,006 7 Apr/avr 2003 US (07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • NETWORK SECURITY TAP FOR USE WITH INTRUSION DETECTION SYSTEM
- DÉRIVATION DE SÉCURITÉ DE RÉSEAU UTILISÉE AVEC UN SYSTÈME DE DÉTECTION D'INTRUSION

(71) **FINISAR CORPORATION** [US/US]; 1308 Moffett Park Drive, Sunnyvale, CA 94089 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72) **GORDY, Stephen, C.**; 826 Santa Paul Ave., Sunnyvale, CA 94085 (US). **POELSTRA,**

**Henry, D.**; 176 Holmwood Ave., Ottawa, Ontario K1S 2P4 (CA). **OTIS, Robert, W.**; 426 Arbian Street, San Jose, CA 95123 (US). **GALLATIN, Tom**; 1085 Harlan Dr., San Jose, CA 95129 (US).

(74) **ISRAELSEN, Burns, R.** et al. / etc.; Workman, Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/00, A61B 5/11, 5/0452, 5/0245, 5/0215, A61N 1/365

(11) WO 2004/095306 (13) A1

(21) PCT/US2004/010804

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/422,069 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • DETECTION OF VASOVAGAL SYNCOPE
- DETECTION D'UNE SYNCOPÉ VASOVAGALE

(71) **MEDTRONIC, INC.** [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VETTER, Rolf** [CH/CH]; CSEM Jacquet-Droz 1, CH-2007 Neuchâtel (CH). **VIRAG, Nathalie** [CH/CH]; Chemin des Vignes, CH-1127 Clarmont (CH).

(74) **SOLDNER, Michael,** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06F 17/00

(11) WO 2004/095307 (13) A2

(21) PCT/US2004/011749

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/414,758 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • BIOMEDICAL SIGNAL ANALYSIS TECHNIQUES USING WAVELETS
- TECHNIQUES D'ANALYSE DE SIGNAUX BIOMÉDICAUX UTILISANT DES ONDELETTES

(71) **MEDTRONIC, INC.** [US/US]; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOUBEN, Richard, P., M.** [BE/BE]; Henri Dunanstraat 112, B-3620 Lanaken (BE).

(74) **WOLDE-MICHAEL, Girma** et al. / etc.; MS LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- (51)<sup>7</sup> G06F 17/20  
(11) WO 2004/095308 (13) A1  
(21) PCT/KR2004/000905  
(22) 20 Apr/avr 2004 (20.04.2004)  
(25) ko (26) en  
(30) 10-2003-0025134 21 Apr/avr 2003 KR (21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD AND SYSTEM FOR EXPRESSING AVATAR THAT CORRESPOND TO MESSAGE AND SENTENCE INPUTTED OF USING NATURAL LANGUAGE PROCESSING TECHNOLOGY  
• PROCEDE ET SYSTEME D'EXPRESSION D'AVATARS QUI CORRESPONDENT AU MESSAGE ET A LA PHRASE ENTRES A L'AIDE D'UNE TECHNIQUE DE TRAITEMENT DE LANGAGE NATUREL
- (71) EULEN, INC. [KR/KR]; #204, WorldVision B/D., 24-2, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-877 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HONG, Ji, Seon [KR/KR]; 207-806 Family Apt., Munjeong-dong, Songpa-gu, Seoul 138-200 (KR). HAM, Chang, Ho [KR/KR]; 95-503 Jangnan Apt., Jangnan-dong, Dongdaemun-gu, Seoul 130-100 (KR).
- (74) RO, Wan, Goo et al. / etc.; 3FL., Jaegyeong Bldg., 1670-12, Seocho-1-dong, Seocho-gu, Seoul 137-881 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 17/24  
(11) WO 2004/095309 (13) A2  
(21) PCT/US2004/008018  
(22) 17 Mar/mar 2004 (17.03.2004)  
(25) en (26) en  
(30) 60/459,247 31 Mar/mar 2003 US (31.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • LATE BINDING OF STAMPED PAGE CONTENT IN A PRODUCTION DOCUMENT WORKFLOW  
• LIAISON TARDIVE DE CONTENU DE PAGES MARQUEES DANS UN FLUX DE TRAVAUX DE PRODUCTION DE DOCUMENTS
- (71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) HOLZWARTH, Robert, K.; 46 Heatherhust Drive, Pittsford, NY 14534 (US). KREMER, Karl, Heinz; 31 Westway, Rochester, NY 14624 (US). SCHULTZ, Karl, R.; 810 Manitou Road, Hilton, NY 14468 (US).
- (74) ROMANCHIK, Richard, A.; Heidelberg Digital L.L.C., 2600 Manitou Road, Rochester, NY 14624 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G06F 17/27  
(11) WO 2004/095311 (13) A2  
(21) PCT/US2004/012396  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en  
(30) 10/422,066 23 Apr/avr 2003 US (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • VALIDATING ONE OR MORE DATA BLOCKS IN A COMPUTER-IMPLEMENTED DOCUMENT DERIVED FROM ANOTHER COMPUTER-IMPLEMENTED DOCUMENT  
• VALIDATION D'UN OU DE PLUSIEURS BLOCS DE DONNEES DANS UN DOCUMENT EXECUTE PAR ORDINATEUR DERIVE D'UN AUTRE DOCUMENT EXECUTE PAR ORDINATEUR
- (71) ELECTRONIC DATA SYSTEMS CORPORATION [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).
- (72) HALL, Geoffrey, S.; 4 Flamingo Close, Wokingham, Berks, UK RG41 3SJ (GB). SADDLETON, Philip A.B.; 75 Telford Drive, Walton on Thames, KT12 2YG (GB).
- (74) LINEBERRY, Allen, Scott; EDS, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR

TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06F 17/30

(11) WO 2004/095312 (13) A1

(21) PCT/AU2004/000522

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 2003901968 23 Apr/avr 2003 AU (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A UNIVERSAL DATABASE SCHEMA  
• SCHEMA DE BASE DE DONNEES UNIVERSELLE

(71, 72) FLATOW, Wolfgang [DE/AU]; 21 Sayre Crescent, Boyne Island, QLD 4680 (AU).

(74) EAGAR & BUCK PATENT AND TARDE MARK ATTORNEYS; PO Box 509, Spring Hill, QLD 4004 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/30, 17/60

(11) WO 2004/095313 (13) A1

(21) PCT/EP2004/004136

(22) 19 Apr/avr 2004 (19.04.2004)

(25) de (26) de

(30) 103 18 333.7 19 Apr/avr 2003 DE (19.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DATA PROCESSING SYSTEM FOR USER-FRIENDLY DATA BASE SEARCHES

• SYSTEME DE TRAITEMENT DE DONNEES POUR RECHERCHES CONVIVIALES DANS UNE BANDE DE DONNEES

(71) ONTOPRISE GMBH [DE/DE]; Amalienbadstrasse 36, (Raumfabrik 29), 76227 Karlsruhe (DE).

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(72, 75) ANGELE, Jürgen [DE/DE]; Bismarckstrasse 19, 76870 Kandel (DE).

(74) KÖLLNER & PARTNER; Kennedyallee 109, 60596 Frankfurt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/GB2004/001749

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(25) en (26) en

(30) 0309174.1 23 Apr/avr 2003 GB (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NAVIGATING THROUGH WEBSITES AND LIKE INFORMATION SOURCES  
• NAVIGATION DANS DES SITES WEB ET SOURCES D'INFORMATIONS ANALOGUES

(71, 72) STEVENSON, David, Watt [GB/GB]; 58 Sheriffs Park, Linlithgow, West Lothian EH49 7SS (GB).

(74) MACDOUGALL, Donald, Carmichael et al. / etc.; Marks & Clerk, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/30, G10L 15/02, 15/14, 17/00

(11) WO 2004/095315 (13) A1

(21) PCT/IB2004/050477

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 03101146.3 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PARAMETERIZED TEMPORAL FEATURE ANALYSIS  
• ANALYSE DE CARACTERISTIQUES TEMPORELLES PARAMETREES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) BREEBART, Dirk, Jeroen [NL/NL]; c/o Triester Strasse 64, A-1101 Vienna (AT). MCKINNEY, Martin, Franciscus [US/NL]; c/o Triester Strasse 64, A-1101 Vienna (AT).

(74) WEBER, Helmut; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06F 17/30

(11) WO 2004/095316 (13) A1

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(25) en (26) en

(30) 03101137.2 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INITIATING DATA COMMUNICATION BY CAPTURING IMAGE  
• LANCEMENT D'UNE COMMUNICATION DE DONNEES PAR CAPTURE D'IMAGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEKENKAMP, Gerhardus, E. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR

CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> G06F 17/30

(11) WO 2004/095317 (13) A1

(21) PCT/JP2004/005453

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

(30) 2003-120390 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • CONTENT SEARCH PROGRAM,  
METHOD, AND DEVICE BASED ON  
USER PREFERENCE
- PROGRAMME, PROCÉDE ET DISPO-  
SITIF DE RECHERCHE DE CONTE-  
NUS BASEE SUR LES PREFERENCES  
UTILISATEUR

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-  
tashinagawa 6-chome, Shinagawa-ku, Tokyo,  
1410001 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KATO, Junji [JP/JP]; c/o Sony Corpo-  
ration, 7-35, Kitashinagawa 6-chome, Shina-  
gawa-ku, Tokyo 1410001 (JP).

(74) SATOH, Takahisa; Sohshin International  
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Taito-ku, Tokyo 1110052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06F 17/30

(11) WO 2004/095318 (13) A1

(21) PCT/US2004/011863

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/417,689 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • AN INTERNET SYSTEM FOR AU-  
THENTICATING MEMBERSHIP PRO-  
FILE INFORMATION
- SYSTEME INTERNET  
D'AUTHENTIFICATION

D'INFORMATIONS DE PROFIL  
DE MEMBRE

(71, 72) ACKERMAN, David [US/US]; 9590  
Chesapeake Drive, Suite 116, San Diego, CA  
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(74) KING, Michael; 268 North, 980 East, Lin-  
don, UT 84042 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les  
designations

(s) for all designations / pour toutes les  
designations

(t) for all designations / pour toutes les  
designations

(u) for / pour US only / seulement

(51)<sup>7</sup> G06F 17/30

(11) WO 2004/095319 (13) A2

(21) PCT/US2004/012233

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,719 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DIGITALLY MAPPED FORMULAIC  
COLOR SPACE AND METHOD OF  
MAKING AND USING SAME

- ESPACE COULEUR FORMULAIQUE  
CONTRE-TYPE NUMERIQUEMENT  
ET SON PROCÉDE DE CONCEPTION  
ET D'UTILISATION

(71) POLYONE CORPORATION [US/US];  
33587 Walker Road, Avon Lake, OH 44012  
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(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) RUSSELL, Scott, O. [US/US]; 3386  
Burgundy Circle, Avon, OH 44011 (US).  
BATES, Susan, H. [US/US]; 3338 Greens  
Ridge Court, Dacula, GA 30019 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE SN TD  
TG).

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
designations

(u) for / pour US only / seulement

(51)<sup>7</sup> G06F 17/50

(11) WO 2004/095320 (13) A1

(21) PCT/JP2003/005005

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • DESIGNING METHOD AND DESIGN-  
ING SYSTEM OF OPTIMAL SHAPE
- PROCÉDE ET SYSTEME DE CONCEP-  
TION D'UNE FORME OPTIMALE

(71) ASAHI KASEI KABUSHIKI KAISHA  
[JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku,  
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(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) SASAKI, Takanori [JP/JP]; 4-1-5-304,  
Shimonagaya, Konan-ku, Yokohama-shi,  
Kanagawa 233-0016 (JP). YAMAMOTO,  
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(74) NAKAGAWA, Shukichi et al. / etc.; Ko-  
tobuki Bldg. 2F, 5-21, Toranomon 2-chome,  
Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PH PL PT  
RO RU SC SD SE SG SK SL TJ TM TN TR  
TT TZ UA UG US UZ VC VN YU ZA ZM  
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ  
UG ZM ZW); EA (AM AZ BY KG KZ MD  
RU TJ TM); EP (AT BE BG CH CY CZ DE  
DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> G06F 17/50

(11) WO 2004/095321 (13) A1

(21) PCT/JP2004/005614

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-116181 21 Apr/avr 2003 JP  
(21.04.2003)



- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PRODUCT SHAPE DESIGNING DEVICE  
• DISPOSITIF DE CONCEPTION DE LA FORME D'UN PRODUIT

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 1008921 (JP).  
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(72, 75) MOCHIMARU, Masaaki [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology 41-6, Aomi 2-chome, Koto-ku, Tokyo 1350064 (JP). KOUCHI, Makiko [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology 41-6, Aomi 2-chome, Koto-ku, Tokyo 1350064 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 17/50, G06T 17/30

(11) WO 2004/095322 (13) A2

(21) PCT/US2004/012054

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/420,539 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR MULTIPLE-SIDED SURFACE MATCHING WITH CURVATURE CONTINUITY  
• SYSTEME ET PROCEDE PERMETTANT DE FAIRE COINCIDER UNE SURFACE A MULTIPLES FACETTES AVEC UNE CONTINUITÉ DE COURBURE

(71) UGS PLM SOLUTIONS INC. [US/US]; 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) SRIPRADISVARAKUL, Thawach; 3160 Falcon Court, Ann Arbor, MI 48105 (US). TSAI, Yi-Feng; 1700 Murfin Ave. #19, Ann Arbor, MI 48105 (US).

(74) LINEBERRY, Allen, Scott; EDS, 5400 Legacy Drive, H3-3A-05, Plano, TX 75024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06F 17/50

(11) WO 2004/095323 (13) A2

(21) PCT/US2004/007971

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 60/461,959 9 Apr/avr 2003 US (09.04.2003)

(30) 10/776,402 10 Feb/fév 2004 US (10.02.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REDUCTION OF CROSS-TALK NOISE IN VLSI CIRCUITS  
• REDUCTION DU BRUIT DIAPHONIQUE DANS LES CIRCUITS VLSI

(71) MAGMA DESIGN AUTOMATION, INC. [US/US]; 5460 Bayfront Plaza, Santa Clara, CA 95054 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TUNCER, Emre [TR/US]; 235 S. Branciforte Avenue, Santa Cruz, CA 95062 (US). SAVOJ, Hamid [US/US]; 1550 Medford Drive, Los Altos, CA 94024 (US). BUCH, Premal [IN/US]; 850 Pointe Pacific Drive, #7, Daly City, CA 94014 (US).

(74) PATEL, Rajiv, P. et al. / etc.; Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain View, CA 94041 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 2004/095324 (13) A2

(21) PCT/EP2004/001159

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 03009230.8 23 Apr/avr 2003 EP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A COMPUTER SYSTEM FOR PROVIDING CREDIT INFORMATION DATA  
• SYSTEME INFORMATIQUE DESTINE A FOURNIR DES DONNEES D'INFORMATIONS DE CREDIT

(71) SAP AKTIENGESELLSCHAFT [DE/DE]; Neurottsstrasse 16, 69190 Wall-dorf (DE).  
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(72, 75) DÖRNER, Robert [DE/DE]; Dieselstr. 1, 63071 Offenbach (DE). KIWON, Adam [DE/DE]; Lattweg 32, 69207 Sandhausen (DE). ZADRO, Renato [DE/DE]; Helmholtzstr. 42, 68723 Schwetzingen (DE).

(74) RICHARDT, Markus et al. / etc.; Unter den Eichen 7, 65195 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 03009222.5 23 Apr/avr 2003 EP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CREDIT AUTHORISATION SYSTEM  
• SYSTEME D'AUTORISATION DE CREDIT

(71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Neurottstrasse 16, 69190 Wall-dorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DÖRNER, Robert** [DE/DE]; Dieselstr. 1, 63071 Offenbach (DE).

(74) **RICHARDT, Markus et al.** / etc.; Unter den Eichen 7, 65195 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06F 17/60, H04L 12/24, 29/08, G06F 17/30**

(11) **WO 2004/095326** (13) A1

(21) PCT/FI2004/000254

(22) **23 Apr/avr 2004 (23.04.2004)**

(25) en (26) en

(30) 03396036.0 **23 Apr/avr 2003 EP (23.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A MEDIATION SYTEM AND METHOD WITH REAL TIME PROCESSING CAPABILITY

• SYSTEME ET PROCEDE DE MEDIATION A FONCTIONNALITE DE TRAITEMENT EN TEMPS REEL

(71) **COMPTEL OYJ** [FI/FI]; Ruoholahdenkatu 4, FI-00180 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENQVIST, Juhana** [FI/FI]; Merivalikama 8 D 41, FI-02320 Espoo (FI).

(74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FI-00180 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> **G06F 17/60**

(11) **WO 2004/095327** (13) A2

(21) PCT/FR2003/001088

(22) **7 Apr/avr 2003 (07.04.2003)**

(25) fr (26) fr

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM FOR THE REAL-TIME MANAGEMENT OF A PLURALITY OF ELECTRONIC METERS USED TO MEASURE ENERGY AND/OR EFFLUENT CONSUMED

• SYSTEME DE GESTION EN TEMPS REEL D'UNE PLURALITE DE COMPTEURS ELECTRONIQUES D'ENERGIE ET/OU D'EFFLUENTS CONSOMMES

(71) **ELECTRICITE DE FRANCE SERVICE NATIONAL** [FR/FR]; 22-30, rue Wagram, F-75008 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALBOUY, Jean-Michel** [FR/FR]; 83, rue Falguière, F-75015 Paris (FR).

(74) **DIOU, Jean-Marc et al.** / etc.; Cabinet Plasseraud, 65/67 rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> **G06F 17/60**

(11) **WO 2004/095328** (13) A1

(21) PCT/JP2003/005076

(22) **22 Apr/avr 2003 (22.04.2003)**

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SOLAR CELL ORDERING SYSTEM

• SYSTEME D'ORDONNANCEMENT DE CELLULES SOLAIRES

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUBO, Takahiro** [JP/JP]; c/o SHARP KABUSHIKI KAISHA, 2613-1, Ichinimoto-cho, Tenri-shi, Nara 632-8567 (JP).

(74) **SAIKYO, Keiichiro et al.** / etc.; Shikishima Building, 2-6, Bingomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06F 17/60**

(11) **WO 2004/095329** (13) A1

(21) PCT/JP2003/005236

(22) **24 Apr/avr 2003 (24.04.2003)**

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CREDIT CARD TRADING METHOD, PROGRAM, AND DEVICE

• PROCEDE D'ECHANGE DE CARTE DE CREDIT, PROGRAMME ET DISPOSITIF ASSOCIES

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANDA, Tomoaki** [JP/JP]; c/o FUJITSU TERMINAL SYSTEMS LIMITED, 8-3, Tonyamachi 1-chome, Maebashi-shi, Gunma 371-0855 (JP).

(74) **TAKEUCHI, Susumu**; 8 Floor, Shimizu Building, 25-47, Nishi-Shinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) JP US.

(51)<sup>7</sup> **G06F 17/60**

(11) **WO 2004/095330** (13) A1

(21) PCT/JP2003/005238

(22) **24 Apr/avr 2003 (24.04.2003)**

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CREDIT CARD RECOMMENDING METHOD, PROGRAM AND DEVICE

• PROCEDE DE RECOMMANDATION DE CARTE DE CREDIT, PROGRAMME ET DISPOSITIF ASSOCIES

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANDA, Tomoaki** [JP/JP]; c/o FUJITSU TERMINAL SYSTEMS LIMITED,

8-3, Tonyamachi 1-chome, Maebasi-shi, Gunma 371-0855 (JP).

(74) TAKEUCHI, Susumu; 8 Floor, Shimizu Building, 25-47, Nishi-Shinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) JP US.

(51)<sup>7</sup> G06F 17/60

(11) WO 2004/095331 (13) A1

(21) PCT/JP2004/005618

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-115961 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CLIENT SCHEDULE INFORMATION MANAGEMENT SYSTEM

• SYSTEME DE GESTION D'INFORMATIONS DE CALENDRIER CLIENT

(71) HONDA MOTOR CO., LTD. [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).

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(72, 75) NISHINO, Shuichiro [JP/JP]; c/o Honda Motor Co., Ltd., 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).

(74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo, 110-0016 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 2004/095332 (13) A1

(21) PCT/JP2004/005636

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003/118375 23 Apr/avr 2003 JP (23.04.2003)

(30) 2003/118394 23 Apr/avr 2003 JP (23.04.2003)

(30) 2003/119376 24 Apr/avr 2003 JP (24.04.2003)

(30) 2003/119378 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ORDER MAKING/ACCEPTING SYSTEM AND ORDER MAKING/ACCEPTING METHOD

• SYSTEME ET PROCEDE DE PASSATION/ACCEPTATION DE COMMANDE

(71) KONICA MINOLTA PHOTO IMAGING, INC. [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).

(72) SATO, Toshiya; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). HAGIWARA, Moeko; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). MURATA, Shinji; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). TAMURA, Tomoaki; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 2004/095333 (13) A1

(21) PCT/JP2004/005779

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-117703 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ENVIRONMENT RATING EVALUATION METHOD AND SYSTEM THEREOF

• PROCEDE ET SYSTEME D'EVALUATION ENVIRONNEMENTALE

(71) NON-PROFIT ORGANIZATION ECOLINK21 [JP/JP]; Shinnitto Bldg. 4F, 3-5, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

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(72, 75) SHIGA, Masayoshi [JP/JP]; 302, 1-5, Okubo 1-chome, Konan-ku, Yokohama-shi, Kanagawa 233-0007 (JP).

(74) SUDO, Masahiko; Shinyo Bldg. 6F, 6-1, Nihonbashi-Muromachi 1-chome, Chuo-ku, Tokyo 103-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 2004/095334 (13) A1

(21) PCT/KR2003/002338

(22) 4 Nov/nov 2003 (04.11.2003)

(25) ko (26) en

(30) 10-2003-0025987 24 Apr/avr 2003 KR (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD FOR PROVIDING AUCTION SERVICE VIA THE INTERNET AND A SYSTEM THEREOF

• PROCEDE DESTINE A PROCURER UN SERVICE DE VENTE AUX ENCHERES VIA INTERNET, ET SYSTEME CORRESPONDANT

(71) LOWWIN.COM CO., LTD. [KR/KR]; 3rd Fl., Wonjae plaza, 38-23, Samsung-dong, Kannam-gu, 135-090 Seoul (KR).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SUNG, Do Heon [KR/KR]; #101-1107, Line Apartment, 628-15, Deungchon-dong, Gangseo-gu, 157-030 Seoul (KR).

(74) SONG, Young Gun; Muhann Patent & Law Firm, 5th Floor, Youngpoong Bldg., 142, Nonhyun-dong, Kangnam-gu, 135-749 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) WO 2004/095335 (13) A1

(21) PCT/KR2004/000907

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ko (26) en

(30) 10-2003-0025400 22 Apr/avr 2003 KR (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD OF INTRODUCING ADVERTISEMENTS AND PROVIDING THE ADVERTISEMENTS BY USING ACCESS INTENTIONS OF INTERNET USERS AND A SYSTEM THEREOF

• PROCEDE PERMETTANT D'INTRODUIRE DES MESSAGES PUBLICITAIRES ET DE FOURNIR CES MESSAGES PUBLICITAIRES AU MOYEN D'INTENTIONS D'ACCES D'UTILISATEURS D'INTERNET AINSI QUE SYSTEME ASSOCIE

(71) **NHN CORPORATION** [KR/KR]; 34th Fl., Startower Building, 737 Yoksam-dong, Kangnam-gu, Seoul 135-984 (KR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Sang Won** [KR/KR]; No. 411-904, Hansol maul, 102, Jeongja-dong, Bundang-gu, Seongnam-si., Kyunggi-do 463-010 (KR). **HAN, Jae Young** [KR/KR]; No. 130-305, Mok-dong Estate Apartment, Mok-6-dong, Yangcheon-gu, Seoul 158-056 (KR). **NA, Kwon Su** [KR/KR]; 168-19, Namoe-dong, Naju-si., Jeollanam-do 520-100 (KR).

(74) **CHUN, Sung Jin**; Muhann Patent & Law Firm, 5th Fl., Youngpoong Building, 142 Nonhyun-dong, Kangnam-gu, Seoul 135-749 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) **WO 2004/095336** (13) A1

(21) PCT/RU2004/000137

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) ru (26) ru

(30) 2003111990 **24 Apr/avr 2003** RU (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR CARRYING OUT CLEARING OPERATIONS USING MOBILE ELECTRONIC COMMUNICATION DEVICES AND A COMPUTER SYSTEM FOR CARRYING OUT SAID METHOD

• PROCEDE POUR EFFECTUER DES TRANSACTIONS BANCAIRES EN UTILISANT DES DISPOSITIFS DE COMMUNICATION MOBILES ET SYSTEME INFORMATIQUE DESTINE A SA MISE EN PRATIQUE

(71) **OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU MOBILITI** [RU/RU]; Pechatnikov per., 22-1, Moscow, 107045 (RU).

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(72, 75) **DYSHLEVOI, Konstantin Viktorovich** [RU/RU]; Lermontovsky prospekt, 8-1-152, Moscow, 109145 (RU).

(74) **POPELENSKY, Nikolay Konstantinovich**; A/ya 11, Moscow, 127055 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) **WO 2004/095337** (13) A1

(21) PCT/US2004/012386

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 60/464,507 **21 Apr/avr 2003** US (21.04.2003)

(30) 10/784,852 **23 Feb/fév 2004** US (23.02.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR EXTRACTING AND APPLYING BUSINESS ORGANIZATION INFORMATION

• SYSTEME ET PROCEDE D'EXTRACTION ET D'EXPLOITATION DE DONNEES D'ORGANISATION DE L'ENTREPRISE

(71) **LAWSON SOFTWARE, INC.** [US/US]; 380 St. Peter Street, St. Paul, MN 55102 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DIXON, James** [GB/US]; 151 N. Triplet Lake Drive, Casselberry, FL 32707 (US). **MORAN, Douglas** [US/US]; 7757 Pine Lake Drive, Merritt Island, FL 32953 (US).

(74) **STEFFEY, Charles, E. et al.** / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) **22 Apr/avr 2004 (22.04.2004)**

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(30) 60/464,529 **22 Apr/avr 2003** US (22.04.2003)

(30) 10/807,679 **24 Mar/mar 2004** US (24.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A COMPUTER SYSTEM FOR ROUTING PACKAGE DELIVERIES

• SYSTEME INFORMATIQUE POUR ACHEMINER DES LIVRAISONS DE COLIS

(71) **UNITED PARCEL SERVICE OF AMERICA, INC.** [US/US]; 55 Glenlake Parkway, N.E., Atlanta, GA 30328 (US).

(72) **KADABA, Nagesh**; 3970 Inverness Crossing, Roswell, GA 30075 (US).

(74) **CARLIN, Gregory, J. et al.** / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 17/60

(11) **WO 2004/095339** (13) A1

(21) PCT/US2004/005692

(22) **25 Feb/fév 2004 (25.02.2004)**

(25) en (26) en

(30) 10/421,999 **22 Apr/avr 2003** US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND SYSTEMS FOR UTILIZING AVAILABLE SPACE ON BILLING STATEMENTS

• PROCEDES ET SYSTEMES PERMETTANT D'UTILISER L'ESPACE DISPONIBLE SUR DES DOCUMENTS DE FACTURATION

(71) **QWEST COMMUNICATIONS INTERNATIONAL INC.** [US/US]; 1801 California Street, Suite 3800, Denver, CO 80202 (US). **POLLARD, Larry, C.** [US/US]; 9785 Keenan Street, Littleton, CO 80130 (US).

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(72, 75) **REBENACK, Larry, M.** [US/US]; 4465 Wellington Road, Boulder, CO 80301 (US).

(74) **GIBBY, Darin, J. et al.** / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, 594111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06F 17/60

(11) WO 2004/095340 (13) A1

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(22) 1 Mar/mar 2004 (01.03.2004)

(25) en (26) en

(30) 10/403,330 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STATISTICAL ANALYSIS AND CONTROL OF PREVENTIVE MAINTENANCE PROCEDURES

• CONTROLE ET ANALYSE STATISTIQUES DE PROCEDURES DE MAINTENANCE PREVENTIVES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) WILLIAMS, Thomas, P.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
MCRELL, John, W.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
TATEOSIAN, Martha, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) FRANZEN, Rick, L. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06F 19/00

(11) WO 2004/095341 (13) A2

(21) PCT/DE2004/000839

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 18 887.8 17 Apr/avr 2003 DE (17.04.2003)

(30) 103 31 110.6 4 Jul/juil 2003 DE (04.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR SIMULATING MUSCULOSKELETAL STRAINS ON A PATIENT

• PROCEDE DE SIMULATION DES CONTRAINTES MUSCULO-SQUELETTIQUES D'UN PATIENT

(71, 72) DUDA, Georg, N. [DE/DE]; Verlängerte Georgenstrasse 41, 12209 Berlin (DE).  
HELLER, Markus, O. [DE/DE]; Krausnickstrasse 23, 10115 Berlin (DE).  
TAYLOR, William, R. [DE/DE]; Zionskirchstrasse 37, 10119 Berlin (DE).

(74) GROSS, Felix; Maikowski & Ninnemann, Postfach 15 09 20, 10671 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 19/00

(11) WO 2004/095342 (13) A2

(21) PCT/FR2004/000976

(22) 21 Apr/avr 2004 (21.04.2004)

(25) fr (26) fr

(30) 03/04931 22 Apr/avr 2003 FR (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR ASSISTANCE IN THE SELECTION OF A COMPRESSION ORTHESIS AND IN ADAPTING SAME TO THE MORPHOLOGY OF A LIMB

• DISPOSITIF D'AIDE A LA SELECTION D'UNE ORTHESE DE CONTENTION ET A SON ADAPTATION A LA MORPHOLOGIE D'UN MEMBRE

(71) LABORATOIRES INNOTHERA, (SAS) [FR/FR]; 7-9, avenue François Vincent Raspail, F-94110 Arcueil (FR).

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(72, 75) BASSEZ, Sophie [FR/FR]; 17, rue du Parc à Foulon, F-91140 Villebon sur Yvette (FR).  
TESTUD, Jean-Louis [FR/FR]; 4, rue Charles Fourier, F-75013 Paris (FR).

(74) DUPUIS-LATOURE, Dominique; Sep Pagenberg & Associés, 14 Boulevard Malesherbes, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 19/00

(11) WO 2004/095343 (13) A1

(21) PCT/US2004/008046

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/408,848 7 Apr/avr 2003 US (07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VEHICLE DIAGNOSTIC RECORD MAPPING

• MISE EN CORRESPONDANCE D'ENREGISTREMENT DE DIAGNOSTIC D'UN VEHICULE

(71) GENERAL MOTORS CORPORATION [US/US]; Legal Staff - Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).

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(72) MORGAN, Alexander, P.; 1569 Pierce St., Birmingham, MI 48009 (US).  
QUINN, Lawrence, M.; 47619 Lamplighter Trail, Macomb, MI 48044 (US).  
SENGER, Gulcin; 3024 Woodcreek Way, Bloomfield Hills, MI 48304 (US).  
GIBBONS, Diane, I.; 2340 Hidden Pine, Troy, MI 48098 (US).  
SOWA, Michael, A.; 42509 Green Valley Drive, Apt 9.208, Clinton Township, MI 48038 (US).  
FALKO, Stephen, L.; 25640 Larkins, Southfield, MI 48034 (US).  
VONDRAK, Frederick, J.; 34543 Dover Avenue, Livonia, MI 48150 (US).  
ROMMEL, Thorsten, W.; Waldthausenstrasse 62b, Mainz, 55126 (DE).

(74) MARRA, Kathryn, A.; General Motors Corporation, Legal Staff-Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06F 21/00, 1/00

(11) WO 2004/095344 (13) A1

(21) PCT/EP2004/050570

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 10318121.0 22 Apr/avr 2003 DE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR PROGRAMMING A CONTROL DEVICE

• DISPOSITIF POUR PROGRAMMER UN APPAREIL DE COMMANDE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).  
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(72, 75) CESKUTTI, Holger [DE/DE]; Ausstrasse 23, 74129 Moeckmuehl (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US2004/006672

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 60/458,653 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR AUTOMATICALLY GENERATING A SLATE USING METADATA

• SYSTEME ET PROCEDE POUR PRODUIRE AUTOMATIQUEMENT UNE CLAQUETTE AU MOYEN DE META-DONNEES

(71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

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(72, 75) IVEY, Matthew, Albert [US/US]; 11296 NW Skyline Boulevard, Portland, Oregon 97231 (US). NAYLOR, John, Robert [GB/US]; 2707 South Shore Boulevard, Lake Oswego, Oregon 97034 (US). PEARCE,

James, Edward [GB/US]; 3889 Northwest 120th Terrace, Portland, Oregon 97229 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; 2 Independence Way, Suite 200, Princeton, New Jersey 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G06G 7/19, H03H 17/04

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(21) PCT/US2004/007823

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/406,768 2 Apr/avr 2003 US (02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROGRAMMABLE FILTER

• FILTRE PROGRAMMABLE

(71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) PETROV, Dmitry; Rabin 8/11 Street, Beit-Shemesh, 99900 (IL). LEV, Smolyar; 64th Yehuda Ha-Levi Street, Givat-Shmuel 90917 (IL).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K

(11) WO 2004/095347 (13) A2

(21) PCT/US2004/011776

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/463,466 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BOUNDED FLEXIBILITY SEARCH AND INTERFACE FOR TRAVEL RESERVATIONS

• RECHERCHE A SOUPLRESSE CIBLEE ET INTERFACE POUR RESERVATIONS DE VOYAGES

(71, 72) VASSILEV, Assen [BG/US]; Somerville, Massachusetts (US). GYOSHEV, Stanley [BG/US]; 1009 South 4th Street, Apt. 1R, Philadelphia, PA 19143 (US).

(74) ORRICK HERRINGTON & SUTCLIFFE LLP et al. / etc.; 4 Park Plaza, Suite 1600, Irvine, CA 92614-2558 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)<sup>7</sup> G06K

(11) WO 2004/095348 (13) A2

(21) PCT/US2004/011810

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,660 16 Apr/avr 2003 US (16.04.2003)

(30) 60/463,659 16 Apr/avr 2003 US (16.04.2003)

(30) 60/488,536 17 Jul/juil 2003 US (17.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • THREE DIMENSIONAL DATA STORAGE

• STOCKAGE DE DONNEES EN TROIS DIMENSIONS

(71) DIGIMARC CORPORATION [US/US]; 19801 SW 72nd Avenue, Suite 250, Tualatin, OR 97062 (US).

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(72, 75) JONES, Robert [US/US]; 1 Coventry Lane, Andover, MA 01810 (US). KENEN, Leo, M. [US/US]; 44 Loomis Street, Bedford, MA 01730 (US).

(74) DOWNING, Marianne, McLaughlin; Digimarc Corporation, 19801 SW 72nd Avenue, Suite 250, Tualatin, OR 97062 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K

(11) WO 2004/095349 (13) A2

(21) PCT/US2004/012209

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/464,095 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INFORMATION EXCHANGING AND MODEM ARCHITECTURE USING AN INTELLIGENT DATABASE

• ECHANGE D'INFORMATIONS ET ARCHITECTURE DE MODEM COMPRENANT UNE BASE DE DONNEES INTELLIGENTE

(71) PORTAVISION LLC [US/US]; 8186 Inverness Ridge Road, Potomac, MD 20854 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72) KILBANK, Daniel; 8186 Inverness Ridge Road, Potomac, MD 20854 (US).

(74) NIXON, William, F.; Squire, Sanders & Dempsey L.L.P., 8000 Towers Crescent Drive 14th Floor, Tysons Corner, VA 22182-2700 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K

(11) WO 2004/095350 (13) A2

(21) PCT/US2004/012544

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,234 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR OPTIMIZING THE DESIGN AND IMPLEMENTATION OF RFID TAGS

• PROCEDE D'OPTIMISATION DE LA CONCEPTION ET DES LA MISE EN OEUVRE D'ETIQUETTES RFID

(71) SYMBOL TECHNOLOGIES, INC. [US/US]; One Symbol Plaza, Holtsville, NY 11742-1300 (US).

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(72, 75) BRIDGELALL, Raj [US/US]; 1 Flora Drive, Mount Sinai, NY 11766 (US).

(74) CHING, Alexander, B.; INGRASSIA FISHER & LORENZ, P.C., 7150 E. Camelback Road, Suite 325, Scottsdale, AZ 85251 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K

(11) WO 2004/095351 (13) A2

(21) PCT/US2004/008408

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/397,457 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR UPDATING A SUBSCRIBER IDENTITY IN A MOBILE COMMUNICATION DEVICE

• PROCEDE ET APPAREIL DE MISE A JOUR DE L'IDENTITE D'UN ABONNE DANS UN DISPOSITIF DE COMMUNICATION MOBILE

(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) AERRABOTU, Naveen [IN/US]; 7943 Dada Drive, Gurnee, IL 60031 (US). BINZEL, Charles, P. [US/US]; 17001 60th Street, Bristol, WI 53104 (US). SRINIVASAN, Bharat [IN/US]; 4245 N. Bloomington, Arlington Heights, IL 60004 (US).

(74) LOPPNOW, Matthew, C. et al. / etc.; 600 North US Highway 45, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 5/00

(11) WO 2004/095352 (13) A1

(21) PCT/US2004/012503

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,478 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MODULAR SMART CARD UPGRADE FOR EXISTING MAGNETIC STRIPE CARD TERMINALS

• MISE A NIVEAU DE CARTE A PUCE POUR TERMINAUX A CARTE A PISTES MAGNETIQUES EXISTANTES

(71) VISA INTERNATIONAL SERVICE ASSOCIATION [US/US]; 900 Metro Center Blvd., Foster City, CA 94404-2172 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) NELSON, Chris, S. [US/US]; 586 Cutwater Lane, Foster City, CA 94404 (US). HURRY, Simon, J. [ZA/US]; 1034 Gull Avenue, Foster City, CA 94404 (US). KASHEF, Forough [US/US]; 45741 Vineyard Avenue, Fremont, CA 94539 (US).

(74) WHITE, Justin, A.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06K 7/00

(11) WO 2004/095353 (13) A2

(21) PCT/FR2004/000926

(22) 15 Apr/avr 2004 (15.04.2004)

(25) fr (26) fr

(30) 03/04842 17 Apr/avr 2003 FR (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND DEVICE FOR THE DETECTION AND IDENTIFICATION OF OBJECTS, SECURE CONTAINERS AND SYSTEMS WHICH ARE PROVIDED WITH SAID DEVICE, AND OBJECTS ADAPTED FOR SAME

• PROCEDE ET DISPOSITIF DE DETECTION ET D'IDENTIFICATION D'OBJETS, CONTENEURS SECURISES ET

SYSTEMES POURVUS DE CE DISPOSITIF ET OBJETS ADAPTES POUR CE PROCEDURE

(71) ALCEA [FR/FR]; 6 avenue de Norvège, F-91140 Villebon sur Yvette (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) POASEVARA, Claude [FR/FR]; 7, résidence des Maraisses, F-91460 Marcoussis (FR).

(74) PONTET, Bernard et al. / etc.; Pontet Alilano & Associés SELARL, 25 rue Jean Rostand, Parc Club Orsay Université, F-91893 Orsay Cédex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 7/00

(11) WO 2004/095354 (13) A2

(21) PCT/IL2004/000270

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/421,731 24 Apr/avr 2003 US (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RADIO FREQUENCY DATA CARRIER AND SYSTEM FOR READING DATA STORED THEREIN  
• SUPPORT DE DONNEES RADIOFREQUENCE ET SYSTEME PERMETTANT DE LIRE DES DONNEES STOCKEES DANS LEDIT SUPPORT

(71) INKSURE RF INC [US/US]; 32 Broadway Ave., Suite 1314, New York, NY 10004 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOGEV, Amnon [IL/IL]; 57 Hanassi Harishon Street, Apt. 27, Rehovot 76300 (IL). DUKLER, Shlomo [IL/IL]; 12 Ben-Sira Street, Tel Aviv 62916 (IL).

(74) REINHOLD COHN AND PARTNERS; P.O. BOX 4060, TEL AVIV 61040 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06K 7/00

(11) WO 2004/095355 (13) A1

(21) PCT/US2003/023196

(22) 24 Jul/juil 2003 (24.07.2003)

(25) en (26) en

(30) 10/207,730 30 Jul/juil 2002 US (30.07.2002)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLUG IN CREDIT CARD READER MODULE FOR WIRELESS CELLULAR PHONE VERIFICATIONS

• MODULE ENFICHABLE DE LECTEUR DE CARTES DE CREDIT PERMETTANT DES VERIFICATIONS A PARTIR D'UN TELEPHONE CELLULAIRE PORTABLE

(71, 72) BAILEY, Kenneth, Stephen [US/US]; 4134 Gulf of Mexico Drive, Suite 207, Longboat Key, FL 34228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> G06K 7/10

(11) WO 2004/095356 (13) A1

(21) PCT/CA2004/000611

(22) 26 Apr/avr 2004 (26.04.2004)

(25) en (26) en

(30) 10/421,936 24 Apr/avr 2003 US (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HEATED PROTECTIVE WINDOW FOR AN OPTICAL SCANNING DEVICE

• FENETRE A CHAUFFAGE DE PROTECTION POUR DISPOSITIF DE LECTURE OPTIQUE

(71) PSION TEKLOGIX INC. [CA/CA]; 2100 Meadowvale Blvd., Mississauga, Ontario L5N 7J9 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAGNE, Andre Joseph Claude [CA/CA]; 51 Atkins Circle, Brampton, Ontario L6X 4B9 (CA). MERINGER, Daniel Joseph [CA/CA]; 2060 Kerns Road, Burlington, Ontario L7P 1P6 (CA).

(74) ORANGE, John R.S. et al. / etc.; McCarthy Tetrault LLP, Suite 4700, P.O. Box 48, 66 Wellington Street West, Toronto Dominion Bank Tower (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06K 9/00, 19/00

(11) WO 2004/095357 (13) A1

(21) PCT/CN2004/000337

(22) 12 Apr/avr 2004 (12.04.2004)

(25) zh (26) zh

(30) 03116561.3 23 Apr/avr 2003 CN (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A SYNCHRONOUS TWO-DIMENSIONAL BARCODE SYSTEM WITH ALL-AROUND INFORMATON, AND READING METHOD THEREOF

• SYSTEME CODE BARRES BIDIMENSIONNEL SYNCHRONE A INFORMATION MULTIPLE ET PROCEDURE DE LECTURE ASSOCIE

(71) LP TECHNOLOGIES (SHANGHAI) INC. [CN/CN]; Room 1101, 200 Zhangheng Rd., Shanghai 201204 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIAN, Longxiang [US/CN]; Room 1101, 200 Zhangheng Rd., Shanghai 201204 (CN).

(74) SHANGHAI PATENT & TRADEMARK LAW OFFICE; 435 Guiping Road, Shanghai 200233 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG



ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN TR  
TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> G06K 9/00, 9/48, G06T 5/00

(11) WO 2004/095358 (13) A1

(21) PCT/US2004/010529

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/421,428 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HUMAN FIGURE CONTOUR OUTLIN-  
ING IN IMAGES

• DETOURAGE DES CONTOURS DES  
FORMES HUMAINES DANS DES  
IMAGES

(71) EASTMAN KODAK COMPANY  
[US/US]; 343 State Street, Rochester, New  
York 14650-2201 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CHEN, Shoupu [CN/US]; 1862 Critten-  
den Road, Apartment 6, Rochester, New York  
14628 (US).

(74) EASTMAN KODAK COMPANY;  
343 State Street, Rochester, New York  
14650-2201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)

EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> G06K 9/00, 9/62, A61B 6/00

(11) WO 2004/095359 (13) A2

(21) PCT/US2004/011820

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,902 18 Apr/avr 2003 US  
(18.04.2003)

(30) 60/560,384 7 Apr/avr 2004 US  
(07.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEMS FOR IDENTIFYING, DIS-  
PLAYING, MARKING, AND TREAT-  
ING SUSPECT REGIONS OF TISSUE

• SYSTEMES POUR  
L'IDENTIFICATION, L'AFFICHAGE,  
LE MARQUAGE, ET LE TRAITEMENT  
DE ZONES SUSPECTES DE TISSU

(71) MEDISPECTRA, INC. [US/US]; 45  
Hartwell Avenue, Lexington, MA 02421  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) FLEWELLING, Ross, F. [US/US]; 1  
Eagle Cliff Road, Chelmsford, MA 01824  
(US).

(74) HAULBROOK, William, R.; Testa, Hur-  
witz & Thibault, L.L.P., High Street Tower,  
125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G06K 9/00, 9/40

(11) WO 2004/095360 (13) A1

(21) PCT/US2004/011966

(22) 17 Apr/avr 2004 (17.04.2004)

(25) en (26) en

(30) 60/463,909 17 Apr/avr 2003 US  
(17.04.2003)

(30) 10/798,457 11 Mar/mar 2004 US  
(11.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR PRE-  
FOCUS IN A LINEAR ARRAY BASED  
SLIDE SCANNER

• PROCEDE ET APPAREIL PERMET-  
TANT D'EFFECTUER UNE PREFOCA-  
LISATION DANS UN BALAYEUR DE  
PLAQUETTES A RESEAU LINEAIRE

(71) APERIO TECHNOLOGIES [US/US];  
1430 Vantage Court, Suite 106, Vista, CA  
92083 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) OLSON, Allen [US/US]; 5055 Via  
Papel, San Diego, CA 92122 (US). CRAN-  
DALL, Greg [US/US] (US). SOENKSEN,  
Dirk [US/US]; 3267 Avenida la Cima, Carls-  
bad, CA 92009 (US).

(74) RAWLINS, Patric, J.; Procopio Cory Har-  
greaves & Savitch, 530 B Street, Suite 2100,  
San Diego, CA 92101-4469 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G06K 9/62, G06F 3/03

(11) WO 2004/095361 (13) A1

(21) PCT/JP2003/005306

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ONLINE HAND-WRITTEN CHARAC-  
TER INPUT DEVICE AND METHOD

• DISPOSITIF ET METHODE D'ENTREE  
DE CARACTERES MANUSCRITS EN  
LIGNE

(71) FUJITSU LIMITED [JP/JP]; 1-1,  
Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) TANAKA, Hiroshi [JP/JP]; c/o FU-  
JITSU LIMITED, 1-1, Kamikodanaka  
4-chome, Nakahara-ku, Kawasaki-shi, Kana-  
gawa 211-8588 (JP).

(74) IKEUCHI SATO & PARTNER PATENT  
ATTORNEYS; 26th Floor, OAP TOWER,  
8-30, Tenmabashi 1-chome, Kita-ku, Osaka-  
shi, Osaka 530-6026 (JP).

(81) CN JP US.

(51)<sup>7</sup> G06K 13/08

(11) WO 2004/095362 (13) A1

(21) PCT/US2004/004938

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 97600-2003 1 Apr/avr 2003 JP  
(01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEMORY CARD CONNECTOR

• CONNECTEUR DE CARTE A ME-  
MOIRE

(71) **MOLEX INCORPORATED** [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MATSUMOTO, Yasuyoshi** [JP/JP]; Heights-Ichikawa-Daisan #305, 12-19 Chuo, 6-Chome, Yamato-shi, Kanagawa 242-0021 (JP). **TOMITA, Mitsuhiro** [JP/JP]; 6-5-719 Nishi-tsuruma 3-chome, Yamato-shi, Kanagawa 242-0005 (JP).

(74) **CALDWELL, Stacey, E.**; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **G06K 17/00, G06F 12/06, 3/06, 3/08**

(11) **WO 2004/095363** (13) A1

(21) PCT/JP2003/015833

(22) **11 Dec/déc 2003 (11.12.2003)**

(25) ja (26) ja

(30) 2003-118242 **23 Apr/avr 2003 JP (23.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR RECORDING DEVICE  
• D'ENREGISTREMENT A SEMI-CONDUCTEURS

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OHTA, Haruo** [JP/JP]; 1-22-18, Kasumizaka, Kyotanabe-shi, Kyoto 610-0352 (JP). **OHTSUKA, Takeshi** [JP/JP]; 1-33, Kouyouensannouchi, Nishinomiya-shi, Hyogo 662-0018 (JP).

(74) **KAWAMIYA, Osamu** et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G06K 19/00**

(11) **WO 2004/095364** (13) A2

(21) PCT/US2004/012134

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) en (26) en

(30) 10/419,253 **21 Apr/avr 2003 US (21.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FUNCTIONAL PATHWAY CONFIGURATION AT A SYSTEM/IC INTERFACE  
• CONFIGURATION DE VOIE FONCTIONNELLE AU NIVEAU D'UNE INTERFACE SYSTEME/CI

(71) **MICROCHIP TECHNOLOGY INCORPORATED** [US/US]; 2355 Chandler Boulevard, Chandler, AZ 85224-6199 (US).

(72, 75) **BOLES, Brian** [US/US]; 3340 N. 89th Pl., Mesa, AZ 85207 (US). **FISCHER, Richard** [US/US]; 9828 E. Pampa Avenue, Mesa, AZ 85212 (US). **MITRA, Sumit** [US/US]; 1101 E. Warner Road, #142, Tempe, AZ 85284 (US). **DRAKE, Rodney** [US/US]; 322 N. Parkcrest, Gilbert, AZ 85234 (US). **BOWLING, Steven, A.** [US/US]; 2113 W. Tyson St., Chandler, AZ 85224 (US). **KRIS, Bryan** [US/US]; 2502 E. Valley View Drive, Phoenix, AZ 85042 (US). **MARSH, Steven** [US/US]; 320 N. Bullmoose Drive, Chandler, AZ 85224 (US). **HARB, Hassan** [US/US]; 953 N. Layman Street, Gilbert, AZ 85233 (US).

(74) **KATZ, Paul, N.**; Baker Botts L.L.P., One Shell Plaza, 910 Louisiana Street, Houston, TX 77002-4995 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> **G06K 19/07**

(11) **WO 2004/095365** (13) A1

(21) PCT/US2004/007782

(22) **11 Mar/mar 2004 (11.03.2004)**

(25) en (26) en

(30) 10/418,910 **17 Apr/avr 2003 US (17.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEMORY CARDS INCLUDING A STANDARD SECURITY FUNCTION  
• CARTES MEMOIRES COMPORTANT UNE FONCTION DE SECURITE STANDARD

(71) **SANDISK CORPORATION** [US/US]; 140 Caspian Court, Sunnyvale, CA 94089 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HARARI, Elyahou** [US/US]; 104 Auzerais Court, Los Gatos, CA 95030 (US). **CEDAR, Yoram** [US/US]; 10481 Stokes Avenue, Cupertino, CA 95014 (US). **BREWER, Wesley, G.** [US/US]; 34 Sea Terrace, Newport Coast, CA 92657 (US). **PINTO, Yosi** [IL/US]; 4285 Los Palos Avenue, Palo Alto, CA 94306 (US). **ELHAMIAS, Reuven** [IL/IL]; 35 Chochit Street, P.O. Box 839, 25147 Kfar-Vradim (IL). **HOLTZMAN, Micky** [IL/IL]; 34 Na'aman Street, P.O. Box 778, 25147 Kfar-Vradim (IL).

(74) **PARSONS, Gerald, P.** et al. / etc.; Parsons Hsue & de Runtz LLP, 655 Montgomery Street, Suite 1800, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> **G06K 19/073, G07F 7/10, H04L 9/06, G06F 21/00**

(11) **WO 2004/095366** (13) A1

(21) PCT/IB2004/050478

(22) **21 Apr/avr 2004 (21.04.2004)**

(25) en (26) en

(30) 03101094.5 **22 Apr/avr 2003 EP (22.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTRONIC CIRCUIT DEVICE FOR CRYPTOGRAPHIC APPLICATIONS

• DISPOSITIF DE CIRCUIT ELECTRONIQUE POUR DES APPLICATIONS CRYPTOGRAPHIQUES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PESSOLANO, Francesco [IT/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G06N 5/00

(11) WO 2004/095367 (13) A2

(21) PCT/NL2004/000261

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 03076173.8 22 Apr/avr 2003 EP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM FOR BOUND PROPAGATION

• PROCEDE ET SYSTEME POUR PROPAGATION DE BORNES

(71) STICHTING VOOR DE TECHNISCHE WETENSCHAPPEN [NL/NL]; Van Vollenhovenlaan 661, NL-3527 JP Utrecht (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEISINK, Martijn, A., R. [NL/NL]; Bakheidehof 36, NL-6845 GB Arnhem (NL). KAPPEN, Hilbert, Johan [NL/NL]; Joke Smitlaan 14, NL-6532 SJ Nijmegen (NL).

(74) VAN WESTENBRUGGE, Andries et al. / etc.; Nederlandsch Octroibureau,

Scheveningsweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T

(11) WO 2004/095368 (13) A2

(21) PCT/US2004/011422

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/414,697 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR A DYNAMICALLY CUSTOMIZABLE SMART PHONEBOOK

• PROCEDE ET DISPOSITIF POUR PERSONNALISER DE MANIERE DYNAMIQUE UN ANNUAIRE TELEPHONIQUE INTELLIGENT

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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(72, 75) LIN, Jyh-Han [US/US]; 4931 N.W. 116th Avenue, Coral Springs, FL 33076 (US). LEE, Yong, C. [US/US]; 13432 N.W. 5th Court, Plantation, FL 33325 (US). LORENZO, Geydi [US/US]; 2001 S.W. 136 Way, Miramar, FL 33027 (US). PATEL, Anand, V. [US/US]; 6327 Foster Street, Jupiter, FL 33458 (US). SAEZ, William, N. [US/US]; 5621 S.W. 7th Street, Plantation, FL 33317 (US).

(74) GARRETT, Scott, M. et al. / etc.; 8000 West Sunrise Boulevard, Room 1610, Plantation, FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T

(11) WO 2004/095369 (13) A2

(21) PCT/US2004/011928

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,526 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM FOR CREATING SPECTRAL DISPLAYS

• SYSTEME POUR CREER DES AFFICHAGES SPECTRAUX

(71, 72) NAGY, James, F. [US/US]; 21579 Stater Route 93 S, Logan, OH 43138 (US).

(74) MILLER, Courtney, J.; Calfee, Halter & Griswold LLP, 1100 Fifth Third Building, 21 East State Street, Columbus, OH 43215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G06T

(11) WO 2004/095370 (13) A2

(21) PCT/US2004/005196

(22) 20 Feb/fév 2004 (20.02.2004)

(25) en (26) en

(30) 10/409,413 7 Apr/avr 2003 US (07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMAGE DATA SET WITH EMBEDDED PRE-SUBPIXEL RENDERED IMAGE

• ENSEMBLE DE DONNEES D'IMAGE A IMAGE RENDUE DE PRE-SOUS-PIXEL INTEGREE

(71) CLAIRVOYANTE LABORATORIES, INC. [US/US]; 874 Gravenstein Hwy S, Suite 14, Sebastopol, CA 95472 (US).

(72) BROWN ELLIOTT, Candice, Hellen; 531 York Street, Vallejo, CA 95490 (US). HIGGINS, Michael, Francis; P.O. Box 197, Duncan Mills, CA 95403 (US).

(74) KALER, Stuart, P.; ClairVoyante Laboratories, Inc., 874 Gravenstein Hwy S, Suite 14, Sebastopol, CA 95472 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF

- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06T 5/00  
 (11) WO 2004/095371 (13) A1  
 (21) PCT/IB2004/050435  
 (22) 14 Apr/avr 2004 (14.04.2004)  
 (25) en (26) en  
 (30) 03101124.0 24 Apr/avr 2003 EP (24.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • REGION DELINEATION IN COMPUTER TOMOGRAPHIC ANGIOGRAPHY  
 • DELIMITATION DE REGION EN ANGIOGRAPHIE TOMODENSITOMETRIQUE
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).  
*(only for / seulement pour DE)*
- (71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)*
- (72, 75) LORENZ, Cristian [DE/DE]; c/o Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE).
- (74) MEYER, Michael; Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06T 5/00  
 (11) WO 2004/095372 (13) A1  
 (21) PCT/IT2004/000217  
 (22) 15 Apr/avr 2004 (15.04.2004)  
 (25) it (26) en  
 (30) RM2003A000184 22 Apr/avr 2003 IT (22.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • AUTOMATIC DETECTION OF SKIN LESIONS  
 • DETECTION AUTOMATIQUE DES LESIONS DE LA PEAU
- (71) PROVINCIA ITALIANA DELLA CONGREGAZIONE DEI FIGLI DELL'IMMACOLATA CONCEZIONE - ISTITUTO DERMOPATICO DELL'IMMACOLATA [IT/IT]; Via dei Monti di Creta, 104, I-00167 Rome (IT).  
 TECNOTEAM S.R.L. [IT/IT]; Via Carlo Poma, 5, I-00040 Pomezia (IT).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MELCHI, Carmelo, Francesco [IT/IT]; Via dei Monti di Creta, 104, I-00167 Roma (IT).  
 BELLERINO, Oscar [IT/IT]; Via Carlo Poma 5, I-00040 Pomezia (RM) (IT).
- (74) SARPI, Maurizio; Studio Ferrario, Via Collina, 36, I-00187 Roma (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G06T 7/00  
 (11) WO 2004/095373 (13) A2  
 (21) PCT/GB2004/001545  
 (22) 8 Apr/avr 2004 (08.04.2004)  
 (25) en (26) en  
 (30) 0308943.0 17 Apr/avr 2003 GB (17.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • METHOD AND SYSTEM FOR DETERMINING OBJECT POSE FROM IMAGES  
 • PROCEDE ET SYSTEME POUR DETERMINER LA POSE D'OBJETS A PARTIR D'IMAGES
- (71) THE UNIVERSITY OF DUNDEE [GB/GB]; Nethergate, Dundee DD1 4HN (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ROBERTS, Timothy [GB/GB]; 16 Castle Street, Tayport, Fife DD6 9AF (GB).  
 MCKENNA, Stephen, James [GB/GB]; 5 Newport Road, Tayport, Fife DD6 8HP (GB).  
 RICKETTS, Ian, Walter [GB/GB]; 78 West Road, Newport on Tay, Fife DD6 8HP (GB).
- (74) KENNEDYS PATENT AGENCY LIMITED; Floor 5, Queens House, 29 St. Vincent Place, Glasgow G1 2DT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G06T 9/20, 1/20  
 (11) WO 2004/095375 (13) A1  
 (21) PCT/RU2003/000485  
 (22) 13 Nov/nov 2003 (13.11.2003)  
 (25) ru (26) ru  
 (30) 2003111204 21 Apr/avr 2003 RU (21.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • METHOD FOR ENCODING CO-ORDINATES OF A VIDEO IMAGE MOVING ALONG THE DISPLAY OF A COMPUTING DEVICE
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- PROCEDE DE CODAGE DES COORDONNEES D'UNE IMAGE VIDEO SE DEPLAÇANT A L'ECRAN D'UN DISPOSITIF DE CALCUL
- (71) **OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "R.T.S.-SERVIS"** [RU/RU]; ul. Stoikosti, 31, St. Petersburg 198261 (RU). **OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU "MIR SETEI"** [RU/RU]; ul. Juzhnobutovskaya, 107-72, Moscow, 113042 (RU).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GNITSEVICH, Aleksandr Vitalevich** [RU/RU]; Balaklavsky pr-kt, 36-2-188, Moscow, 113303 (RU).
- (74) **PATENT LAW FIRM "YUS"**; a/ya 184, Moscow, 125009 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> **G06T 15/20**
- (11) **WO 2004/095376** (13) A2
- (21) PCT/GB2004/001315
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 0308737.6 **15 Apr/avr 2003 GB (15.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • EFFICIENT BUMP MAPPING USING HEIGHT MAPS  
• PLACAGE DE RELIEF EFFICACE EFFECTUE AU MOYEN DE CARTES DE HAUTEUR
- (71) **IMAGINATION TECHNOLOGIES LIMITED** [GB/GB]; Home Park Estate, Kings Langley, Hertfordshire WD4 8LZ (GB).  
*(only for / seulement pour AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT JP LU MC NL PT RO SE SI SK TR)*
- (72) **SIMON, Fenney**; 99 Watford Road, St Albans, Herts AL2 3JY (GB). **FAZZINI, Paolo, Guiseppe**; 47 Farthing Close, Watford, Herts WD18 0BT (GB).
- (74) **ROBSON, Aidan, John**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> **G06T 17/40**
- (11) **WO 2004/095377** (13) A1
- (21) PCT/EP2004/003834
- (22) **10 Apr/avr 2004 (10.04.2004)**
- (25) de (26) de
- (30) 103 18 390.6 **23 Apr/avr 2003 DE (23.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD, DEVICE AND COMPUTER PROGRAM PRODUCT FOR THE VIRTUAL POSITIONING OF COMPONENTS  
• PROCEDE, DISPOSITIF ET PRODUIT-PROGRAMME INFORMATIQUE PERMETTANT LE POSITIONNEMENT VIRTUEL DE COMPOSANTS
- (71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; 38436 Wolfsburg (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WOLF, Reinhard** [DE/DE]; Okerstrasse 7, 38527 Meine (DE).
- (74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, 38436 Wolfsburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- Published / Publiée : (c)

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- (51)<sup>7</sup> **G06T 17/40**
- (11) **WO 2004/095378** (13) A1
- (21) PCT/IB2004/050501
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 03101138.0 **24 Apr/avr 2003 EP (24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMBINED 3D AND 2D VIEWS  
• VUES TRIDIMENSIONNELLES ET BIDIMENSIONNELLES COMBINEES
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **VAN MUISWINKEL, Arianne, M., C.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HOLTHUIZEN, Ronaldus, F., J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HOOGENRAAD, Frank, G., C.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **COHEN, Julius, S.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- Published / Publiée : (c)
- Declaration / Déclaration :  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

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- (51)<sup>7</sup> **G07C 9/00, A61M 5/178**
- (11) **WO 2004/095379** (13) A1
- (21) PCT/CA2004/000604
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 60/464,659 **23 Apr/avr 2003 US (23.04.2003)**
- (30) 60/523,702 **21 Nov/nov 2003 US (21.11.2003)**
- (30) 60/523,701 **21 Nov/nov 2003 US (21.11.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DISPENSING SYSTEMS  
• SYSTEMES DE DISTRIBUTION
- (71) **VASOGEN IRELAND LIMITED** [IE/IE]; Shannon Airport House, Shannon, County Clare (IE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LIM, Bernard, C.B.** [MY/CA]; 2336 Valley Forest Way, Oakville, Ontario L6H 6W8 (CA). **MATSUURA, David, G.** [US/US]; 859 Summersong Court, Encinitas, California 92024 (US). **SIMPSON, Philip, J.** [US/US]; 3185 Pioneer Place, Escondido, California 92025 (US). **GILLESPIE, Walter, D.** [US/US]; 1327 Pacific Beach Drive, #11, San Diego, California 92109 (US).

(74) JOACHIM, Roland, H. et al. / etc.; RID-OUT & MAYBEE LLP, One Queen Street East, Suite 2400, Toronto, Ontario M5C 3B1 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> G07D 7/08, 7/18, G01N 29/20, 29/18

(11) WO 2004/095380 (13) A1

(21) PCT/EP2004/004176

(22) 20 Apr/avr 2004 (20.04.2004)

(25) de (26) de

(30) 103 18 104.0 22 Apr/avr 2003 DE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND DEVICE FOR DETERMINING THE LIMPNESS OF SHEET MATERIAL BY MEANS OF ULTRASOUND

• PROCEDE ET DISPOSITIF POUR DETERMINER LA MOLLESSE DE FEUILLES AU MOYEN D'ULTRASON

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PRADEL, Helmut [DE/DE]; Gerrotstrasse 4, 80804 München (DE).

(74) KLUNKER, Schmitt-Nilson, Hirsch; Winzererstrasse 106, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G07F 7/00

(11) WO 2004/095381 (13) A2

(21) PCT/EP2004/004025

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 17 984.4 19 Apr/avr 2003 DE (19.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LASER INSCRIPTION STATION FOR CREDIT CARDS

• STATION DE MARQUAGE AU LASER POUR DES CARTES DE CREDIT

(71) BOWË CARDTEC GMBH [DE/DE]; Balhorner Feld 28, 33106 Paderborn (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANTOS, Heinrich [DE/DE]; Nesthauser Str. 51, 33106 Paderborn (DE).

(74) BOEHMERT & BOEHMERT; Lorenz Hanewinkel, Ferrariweg 17a, 33102 Paderborn (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G07F 7/10

(11) WO 2004/095382 (13) A1

(21) PCT/US2004/010883

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 60/464,559 21 Apr/avr 2003 US (21.04.2003)

(30) 10/633,020 31 Jul/juil 2003 US (31.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SMART CARD PERSONALIZATION ASSISTANCE TOOL

• OUTIL D'AIDE A LA PERSONNALISATION DE CARTE INTELLIGENTE

(71) VISA INTERNATIONAL SERVICE ASSOCIATION [US/US]; 900 Metro Center Boulevard, Foster City, 94308 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, Carl [GB/US]; 5322 Matthew Terrace, Fremont, CA 94555 (US). HILL, Trudy [US/US]; 1200 E. Hillsdale Boulevard, Apt. 118, Foster City, CA 94404 (US).

(74) VILLENEUVE, Joseph, M.; Beyer Weaver & Thomas LLP, P.O. Box 778, Berkeley, 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G07F 17/32

(11) WO 2004/095383 (13) A1

(21) PCT/US2004/007423

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/395,963 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND APPARATUS FOR LIMITING ACCESS TO GAMES USING BIOMETRIC DATA

• PROCEDES ET APPAREIL POUR LA LIMITATION D'ACCES A DES JEUX AU MOYEN DE DONNEES BIOMETRIQUES

(71) IGT [US/US]; 9295 Prototype Drive, Reno, NV 89521-8986 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WELLS, William, R. [US/US]; 4450 Rio Encantado, Reno, NV 89502 (US). MATTICE, Harold, E. [US/US]; 1271 Bolivia Way, Gardnerville, NV 89410 (US). GRISWOLD, Chauncey, W. [US/US]; 1160 Monroe Court, Reno, NV 89509 (US). WILDER, Richard, L. [US/US]; 8960 Jediah Smith Drive, Sparks, NV 89436 (US).

(74) HIRSCH, Martin, J.; Marshall, Gerstein & Borun LLP, Sears Tower, Suite 6300, 233 S. Wacker Drive, Chicago, IL 60606-6357 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G07F 17/32, G06F 21/00

(11) WO 2004/095384 (13) A1

(21) PCT/US2004/007844

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/395,988 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR LIMITING ACCESS TO GAMES USING BIOMETRIC DATA

- PROCEDE ET DISPOSITIF POUR LIMITER L'ACCES A DES JEUX, A L'AIDE DE DONNEES BIOMETRIQUES
- (71) IGT [US/US]; 9295 Prototype Drive, Reno, Nevada 89521-8986 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WELLS, William, R. [US/US]; 4450 Rio Encantado, Reno, NV 89502 (US).  
MATTICE, Harold, E. [US/US]; 1271 Bolivia Way, Gardnerville, NV 89410 (US).  
GRISWOLD, Chauncey, W. [US/US]; 1160 Monroe Court, Reno, NV 89509 (US).  
WILDER, Richard, L. [US/US]; 8960 Jedediah Smith Drive, Sparks, NV 89436 (US).
- (74) HIRSCH, Martin, J.; Marshall, Gerstein & Borun LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, IL 60606-6357 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> G08B
- (11) WO 2004/095385 (13) A2
- (21) PCT/US2004/009754
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/405,154 2 Apr/avr 2003 (02.04.2003) US
- (30) 10/795,746 8 Mar/mar 2004 (08.03.2004) US
- (30) 10/795,744 8 Mar/mar 2004 (08.03.2004) US
- (30) 10/795,747 8 Mar/mar 2004 (08.03.2004) US
- (30) 10/795,742 8 Mar/mar 2004 (08.03.2004) US
- (30) 10/795,743 8 Mar/mar 2004 (08.03.2004) US
- (30) 10/795,741 8 Mar/mar 2004 (08.03.2004) US
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DEVICE AND METHOD FOR PREVENTING MAGNETIC-DEVICE IMAGING INDUCED DAMAGE
- DISPOSITIF ET PROCEDE PERMETTANT D'EMPECHER LES DOMMAGES DUS A L'IMAGERIE PAR RESONANCE MAGNETIQUE
- (71) BIOPHAN TECHNOLOGIES, INC. [US/US]; Suite 215, 150 Lucius Gordon Drive, West Henrietta, NY 14586 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (71) MILLER, Victor [US/US]; 5210 Salt Road, Clarence, NY 14031 (US).  
(only for / seulement pour US)
- (72, 75) WEINER, Michael, L. [US/US]; 693 Summit Drive, Webster, NY 14580 (US).  
CONNELLY, Patrick, R. [US/US]; 450 Linden Street, Rochester, NY 14620 (US).  
HELPER, Jeffrey, L. [US/US]; 1153 Hidden Valley Trail, Webster, NY 14580 (US).
- (74) NICKERSON, Michael, J. et al. / etc.; Basch & Nickerson LLP, 1777 Penfield Road, Penfield, NY 14526 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)<sup>7</sup> G08B 13/196
- (11) WO 2004/095386 (13) A1
- (21) PCT/GB2004/001655
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en (26) en
- (30) 0308757.4 16 Apr/avr 2003 (16.04.2003) GB
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SURVEILLANCE APPARATUS, SYSTEM AND METHOD
- APPAREIL, SYSTEME ET PROCEDE DE SURVEILLANCE
- (71, 72) MURPHY, David, Barry [IE/GB]; 403 Collingwood House, Dolphin Square, London SW1V 3NE (GB).
- (74) WARREN, Anthony, Robert et al. / etc.; Baron & Warren, 18 South End, Kensington, London W8 5BU (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G08B 17/00
- (11) WO 2004/095387 (13) A1
- (21) PCT/JP2004/005739
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ja (26) ja
- (30) 2003-118556 23 Apr/avr 2003 (23.04.2003) JP
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • FIRE ALARM DEVICE AND METHOD
- DISPOSITIF ET PROCEDE D'ALARME-INCENDIE
- (71) PIKUSEN CO. LTD. [JP/JP]; 2-1-2, Hirakawa-cho, Chiyoda-ku, Tokyo, 1020093 (JP).  
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- (72, 75) TAJIMA, Yukinobu [JP/JP]; 2-1-2, Hirakawa-cho, Chiyoda-ku, Tokyo, 1020093 (JP).  
YANAGAWA, Hideki [JP/JP]; 2-1-2, Hirakawa-cho, Chiyoda-ku, Tokyo, 1020093 (JP).  
URUSIBATA, Naoki [JP/JP]; 2-1-2, Hirakawa-cho, Chiyoda-ku, Tokyo, 1020093 (JP).
- (74) HANABUSA, Tsuneo et al. / etc.; c/o Hanabusa Patent Office, Shin-ochanomizu Urban Trinity, 2, Kandasurugadai 3-chome, Chiyoda-ku, Tokyo, 1010062 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G08C

(11) WO 2004/095388 (13) A2

(21) PCT/US2004/012426

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,613 22 Apr/avr 2003 US  
(22.04.2003)(30) 10/828,004 20 Apr/avr 2004 US  
(20.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FIELD EFFECT SENSOR TWO WIRE  
INTERCONNECT METHOD AND AP-  
PARATUS

- PROCEDE ET DISPOSITIF  
D'INTERCONNEXION A DEUX FILS  
D'UN DETECTEUR A EFFET DE  
CHAMP

(71) TOUCHSENSOR TECHNOLOGIES,  
LLC [US/US]; 203 N. Gables Boulevard,  
Wheaton, IL 60187 (US).(for all designated States except / pour tous  
les États désignés sauf US)(72) STEENWYK, Timothy, Edward; 5916  
Bayberry Farms #10, Grandville, MI (US).(74) VRLA, Mark, P.; Jenner & Block LLP, One  
IBM Plaza, Chicago, IL 60611 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G08C 15/00

(11) WO 2004/095389 (13) A1

(21) PCT/EP2004/004182

(22) 21 Apr/avr 2004 (21.04.2004)

(25) de (26) de

(30) 10318704.9 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR OUTPUTTING MEASUREMENT SIGNALS

- SYSTEME D'EMISSION DE SIGNAUX  
DE MESURE

(71) ENDRESS + HAUSER GMBH + CO. KG  
[DE/DE]; Hauptstrasse 1, 79689 Maulburg  
Maulburg (DE).(for all designated States except / pour tous  
les États désignés sauf US)(71) GROZINGER, Roland [DE/DE]; Kaiser-  
stuhlweg 3a, 79129 Staufen (DE).  
(only for / seulement pour US)(74) HAHN, Christian; c/o Endress + Hauser  
Holding GmbH, PatServe, Colmarer Strasse  
6, 79576 Weil am Rhein (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G08G

(11) WO 2004/095390 (13) A2

(21) PCT/US2004/007561

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/459,809 2 Apr/avr 2003 US  
(02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PREPARING EX-  
TREMELY SMALL PARTICLES  
OF RECYCLED POLYETHYLENE  
TEREPHTHALATE

- PROCEDE DESTINE A PREPARER  
DES PARTICULES EXTREMEMENT  
PETITES DE TEREPHTHALATE DE  
POLYETHYLENE RECYCLE

(71) PHOENIX TECHNOLOGIES, LP  
[US/US]; 1098 Fairview Avenue, Bowling  
Green OH 43402 (US).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) HAYWARD, Donald, W. [US/US]; 4  
Mattatuck Way, Waterville, OH 43566 (US).(74) WITHAM, Daniel, L. [US/US]; 6317 Glen-  
huest Drive, Apt. #5, Maumee, OH 43537  
(US).(74) FRASER, Donald, R.; MacMillan, Sobanski  
& Todd, LLC, One Maritima Plaza, Fourth  
Floor, 720 Water Street, Toledo, OH 43604-  
1853 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> G08G 1/123

(11) WO 2004/095391 (13) A1

(21) PCT/SE2004/000622

(22) 23 Apr/avr 2004 (23.04.2004)

(25) sv (26) en

(30) 0301175-6 23 Apr/avr 2003 SE  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR VEHICLE COMMUNI-  
CATION

- PROCEDE DE COMMUNICATION  
POUR VEHICULE

(71) AB TRYGGIT [SE/SE]; c/o Thore Bryniel-  
sson, Torredsvägen 104, S-429 34 Kullavik  
(SE).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) BRYNIELSSON, Thore [SE/SE];  
Torredsvägen 104, S-429 34 Kullavik (SE).(74) AWAPATENT AB; Box 11394, S-404 28  
Göteborg (SE).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

## Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)(51)<sup>7</sup> G08G 1/123, G06F 17/60, G07C 5/00

(11) WO 2004/095392 (13) A2

(21) PCT/US2004/008113

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/459,257 2 Apr/avr 2003 US  
(02.04.2003)(30) 10/438,879 16 May/mai 2003 US  
(16.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR ENABLING COM-  
MUNICATION AND CONDITION



MONITORING FROM INSIDE OF A SEALED SHIPPING CONTAINER USING IMPULSE RADIO WIRELESS TECHNIQUES

- PROCEDE POUR PERMETTRE LA COMMUNICATION ET LA SURVEILLANCE DU CONDITIONNEMENT A L'INTERIEUR D'UN CONTAINER D'EXPEDITION FERME HERMETIQUEMENT AU MOYEN DE TECHNIQUE RADIO A IMPULSIONS SANS FIL

(71) CACI INTERNATIONAL INC. [US/US]; 1100 North Glebe Road, Arlington, VA 22201 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) TICE, Russell, N. [US/US]; 5202 Zachary Taylor Hwy., Culpeper, VA 22701-9001 (US).

(74) NELSON, Jeffrey, H.; Nixon & Vanderhyc P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08G 5/00

(11) WO 2004/095393 (13) A2

(21) PCT/FR2004/000939

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/04753 16 Apr/avr 2003 FR (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AIRCRAFT FLIGHT SAFETY DEVICE AND METHOD WHICH ARE INTENDED FOR AN AIRCRAFT FLYING IN INSTRUMENT METEOROLOGICAL CONDITIONS AND WHICH ARE USED INDEPENDENTLY OF INSTRUMENT FLIGHT INFRASTRUCTURE

- PROCEDE ET DISPOSITIF DE SECURISATION DU VOL D'UN AERONEF EN CONDITIONS DE VOL AUX INSTRUMENTS HORS INFRASTRUCTURES DE VOL AUX INSTRUMENTS

(71) EUROCOPTER [FR/FR]; Aéroport International Marseille-Provence, F-13725 Marignane Cedex (FR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ASTRUC, Joël [FR/FR]; 1330, chemin de Maliverny, F-13540 Puyricard (FR). BOUHERET, Daniel [FR/FR]; 14 lotissement "Le Puy des Lauriers", Chemin Mouret, F-13100 Aix En Provence (FR).

(74) GPI & ASSOCIES; Hérard, Paul, EuroParc de Pichaury, 1330, rue Guillibert de la Lauzière, Bâtiment D1, F-13856 Aix en Provence Cedex 3 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G08G 5/04, B64D 45/04

(11) WO 2004/095394 (13) A2

(21) PCT/FR2004/000940

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/04753 16 Apr/avr 2003 FR (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SECURE INTERACTIVE 3D NAVIGATION METHOD AND DEVICE

- PROCEDE ET DISPOSITIF DE NAVIGATION 3D SECURISEE INTERACTIVE

(71) EUROCOPTER [FR/FR]; Aéroport International Marseille-Provence, F-13725 Marignane Cedex (FR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) PETILLON, Jean-Paul [FR/FR]; 6bis, avenue Jean Moulin, F-13140 Miramas (FR).

(74) GPI & ASSOCIES; Hérard, Paul, EuroParc de Pichaury, 1330, rue Guillibert de la Lauzière, Bâtiment D1, F-13856 Aix en Provence Cedex 3 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09B

(11) WO 2004/095395 (13) A2

(21) PCT/US2004/005791

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 60/445,770 3 Apr/avr 2003 US (03.04.2003)

(30) 10/678,764 6 Oct/oct 2003 US (06.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IN THE UNITED STATES PATENT & TRADEMARK RECEIVING OFFICE

- SYSTEME DE BLOCS MAGNETIQUES DIDACTIQUES

(71, 72) FENTRESS, Warren, Scott [US/US]; 101 Heatherwood Drive, Brookfield, CT 06804 (US).

(74) MARTIN, Steven, K. et al. / etc.; Altman & Martin, Suite 600, 6 Beacon Street, Boston, MA 02108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

*(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*

*(u) for / pour US only / seulement*

(51)<sup>7</sup> G09B 7/00, G08B 21/08, 21/04, A01K 15/02, G08B 21/02

(11) WO 2004/095396 (13) A1

(21) PCT/GB2004/001678

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308846.5 17 Apr/avr 2003 GB (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TODDLER/CHILD TRAINING MONITOR

- DISPOSITIF DE SURVEILLANCE DE L'ENTRAINEMENT A LA MARCHÉ D'UN TOUT PETIT/ENFANT

(71) JACKEL INTERNATIONAL LIMITED [GB/GB]; Dudley Lane, Cramlington, Northumberland NE23 7RH (GB).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GOOCH, David** [GB/GB]; 85 Highsett, Cambridge CB2 1NZ (GB).

(74) **ROBERTS, Gwilym, Vaughan et al. / etc.**; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G09B 19/00**

(11) **WO 2004/095397** (13) A1

(21) PCT/GB2004/001662

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 0308946.3 **17 Apr/avr 2003 GB (17.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR ASSISTING INFANTS TO USE A DOMESTIC ADULT TOILET

• APPAREIL POUR AIDER LES ENFANTS A UTILISER DES TOILETTES DOMESTIQUES D'ADULTES

(71, 72) **EL TAWIL, Jacqueline, Lois** [GB/GB]; 118 Saint Ediths Marsh, Bromham, Chippenham, Wiltshire SN15 2DE (GB).

(74) **PLUCKROSE, Anthony, William et al. / etc.**; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> **G09B 23/32, 23/34**

(11) **WO 2004/095398** (13) A1

(21) PCT/GB2004/001694

(22) **19 Apr/avr 2004 (19.04.2004)**

(25) en (26) en

(30) 0308938.0 **17 Apr/avr 2003 GB (17.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEDICAL TRAINING SYSTEM FOR DIAGNOSTIC EXAMINATIONS PERFORMED BY PALPATION

• SYSTEME DE FORMATION MEDICALE POUR EXAMENS DIAGNOSTIQUES EFFECTUES PAR PALPATION

(71) **LIMBS AND THINGS LIMITED** [GB/GB]; Sussex Street, St. Phillips, Bristol BS2 0RA (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KITCHING, Miles** [GB/GB]; 23a Kelston Road, Westbury-on-Trym, Bristol BS10 5ES (GB). **GEROLEMOU, Nick** [GB/GB]; 9 Hughenden Road, Horfield, Bristol BS7 8SF (GB).

(74) **NEWSTEAD, Michael, John**; Page Hargrave, Southgate, Whitefriars, Lewins Mead, Bristol BS1 2NT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> **G09F**

(11) **WO 2004/095399** (13) A2

(21) PCT/US2004/011771

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 10/418,956 **18 Apr/avr 2003 US (18.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROVIDING CUSTOMIZED TEXT AND IMAGERY ON ORGANIC PRODUCTS

• PRODUCTION DE TEXTE PERSONNALISE ET D'IMAGERIE SUR DES PRODUITS ORGANIQUES

(71) **SPEAKING ROSES, LLC** [US/US]; 545 West 500 South, Bountiful, UT 84010 (US).

(72) **HARRIS, Blaine**; 1222 East Golf Course Circle, Bountiful, UT 84010 (US). **LASSETTER, Terrell**; 3847 Highland Courts, Bountiful, UT 84010 (US). **RODRIGUEZ, Rene**; 2802 West 1000 North, Layton, UT 84041 (US).

(74) **TINGEY, David, B. et al. / etc.**; Kirton & McConkie, 1800 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> **G09F 1/12, 13/10**

(11) **WO 2004/095400** (13) A1

(21) PCT/US2004/003167

(22) **3 Feb/fév 2004 (03.02.2004)**

(25) en (26) en

(30) 10/393,039 **20 Mar/mar 2003 US (20.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PHOTO DISPLAY SYSTEM FOR USE WITH IMAGED TRANSPARENCIES

• SYSTEME D'AFFICHAGE PHOTOGRAPHIQUE UTILISE AVEC DES DIAPPOSITIVES

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLER, Alan G.**, [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **HILLS, Douglas P.**, [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **FLORCZAK, Yen T.**, et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*  
*(t) for all designations / pour toutes les désignations*
- 
- (51)<sup>7</sup> G09F 3/02  
 (11) WO 2004/095401 (13) A2  
 (21) PCT/US2004/012051  
 (22) 20 Apr/avr 2004 (20.04.2004)  
 (25) en (26) en  
 (30) 60/464,243 21 Apr/avr 2003 US (21.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TAMPER INDICATING DEVICES AND METHODS FOR SECURING INFORMATION  
 • DISPOSITIFS INDICATEURS DE SABOTAGE ET PROCÉDES DE SECURISATION DES INFORMATIONS
- (71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) GOSSSELIN, Raymond, R.; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) BUSS, Melissa, E. et al. / etc.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G09F 3/04, B43L 1/00  
 (11) WO 2004/095402 (13) A1  
 (21) PCT/MX2003/000035  
 (22) 21 Apr/avr 2003 (21.04.2003)  
 (25) es (26) es  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • LABELS WHICH CAN BE REWRITTEN USING A WATER-ERASABLE MARKER  
 • ETIQUETTES REINSCRIPTIBLES POUR MARQUEUR EFFAÇABLE A L'EAU
- (71, 72) MUEHLEN HERFURTH, Roberto [MX/MX]; Hacienda El Ciervo # 11 Depto. 6-A, Col. Hacienda de las Palmas, 52763 Huixquilucan, Estado de México (MX).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G09F 21/10, 19/18  
 (11) WO 2004/095403 (13) A2  
 (21) PCT/HU2004/000039  
 (22) 19 Apr/avr 2004 (19.04.2004)  
 (25) en (26) en  
 (30) U 0300109 24 Apr/avr 2003 HU (24.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • AERIAL ADVERTISING DEVICE FOR THE PRESENTATION OF PICTURES THAT CHANGE OVER TIME  
 • DISPOSITIF DE PUBLICITE AERIENNE POUR PRESENTER DES IMAGES QUI CHANGENT AU COURS DU TEMPS
- (71, 72) HALMI, Gergö [HU/HU]; Iskola u.6., H-3070 Bányaterenye (HU). TÓTH-FALUSI, György [HU/HU]; Nádor u.19., H-1051 Budapest (HU).
- (74) RÓNASZÉKI, Tibor; Victor Hugo u. 6-8., H-1132 Budapest (HU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G09G  
 (11) WO 2004/095404 (13) A2  
 (21) PCT/US2004/012545  
 (22) 21 Apr/avr 2004 (21.04.2004)  
 (25) en (26) en  
 (30) 10/421,646 21 Apr/avr 2003 US (21.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DISPLAY SYSTEM WITH FRAME BUFFER AND POWER SAVING SEQUENCE  
 • SYSTEME D'AFFICHAGE A TAMPON DE TRAME ET SEQUENCE D'ECONOMIE D'ENERGIE
- (71) NATIONAL SEMICONDUCTOR CORPORATION [US/US]; 2900 Semiconductor Drive, Santa Clara, CA 95051-8090 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LUDDEN, Christopher, A. [US/US]; 30 Widewaters Lane, Pittsford, NY 14534 (US).
- (74) BRANCH, John, W. et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G09G 3/04  
 (11) WO 2004/095405 (13) A1  
 (21) PCT/JP2004/005820  
 (22) 22 Apr/avr 2004 (22.04.2004)  
 (25) ja (26) ja  
 (30) 2003-118297 23 Apr/avr 2003 JP (23.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NUMERIC VALUE DISPLAY METHOD  
 • METHODE D'AFFICHAGE DE VALEUR NUMERIQUE
- (71) KABUSHIKI KAISHA YASKAWA DENKI [JP/JP]; 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka, 8060004 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SUGA, Masanao [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka, 8060004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09G 3/20

(11) WO 2004/095406 (13) A1

(21) PCT/JP2004/005599

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-118239 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DRIVER CIRCUIT AND DISPLAY DEVICE  
• CIRCUIT D'ATTAQUE ET DISPOSITIF D'AFFICHAGE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAKITA, Naohide

(74) SUMIDA, Yoshihiro et al. / etc.; Arco Patent Office 3rd Fl., Bo-eki Bldg., 123-1, Higashimachi, Chuo-ku, Kobe-shi, Hyogo 6500031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09G 3/28, 3/20

(11) WO 2004/095407 (13) A1

(21) PCT/JP2003/015629

(22) 5 Dec/déc 2003 (05.12.2003)

(25) ja (26) ja

(30) 2003-117082 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLASMA DISPLAY AND POWER MODULE  
• ECRAN AU PLASMA ET SON ALIMENTATION

(71) FUJITSU HITACHI PLASMA DISPLAY LIMITED [JP/JP]; 2-1, Sakado 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOIZUMI, Haruo [JP/JP]; C/O FUJITSU HITACHI PLASMA DISPLAY LIMITED, 2-1, Sakado 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012 (JP).  
ONOZAWA, Makoto [JP/JP]; C/O FUJITSU HITACHI PLASMA DISPLAY LIMITED, 2-1, Sakado 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa 213-0012 (JP).

(74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09G 3/36

(11) WO 2004/095408 (13) A1

(21) PCT/US2004/005050

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/404,958 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIGHT MODULATOR WITH TWO DRIVE SIGNALS  
• MODULATEUR DE LUMIERE A SIGNAUX D'ATTAQUE

(71) INTEL CORPORATION (a Delaware Corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) KIRCH, Steven; 6878 Corte Sondada, Pleasanton, CA 94566 (US).  
SALSMAN, Kenneth; 4963 Lapis Lane, Pleasanton, CA 94566 (US).  
WILLIS, Thomas; 61 Gladys Avenue, Mountain View, CA 94043 (US).  
RASHKOVSKIY, Oleg; 19312 Greenwood Drive, Cupertino, CA 95014 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09G 3/36, 5/39

(11) WO 2004/095409 (13) A1

(21) PCT/US2004/006877

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/407,758 3 Apr/avr 2003 US (03.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW POWER LIQUID CRYSTAL DISPLAY REFRESH METHOD E.G. FOR MOBILE PHONE

• PROCEDE DE RAFRAICHISSEMENT D'AFFICHEUR A CRISTAUX LIQUIDES A FAIBLE PUISSANCE (PAR EXEMPLE, TELEPHONE MOBILE)

(71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) WHELAN, Rochelle; 821 NW 11th Avenue, #217, Portland, OR 97209 (US).  
GRINDSTAFF, Marcus; 1061 Brock Circle, Folsom, CA 95630 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09G 5/00

(11) WO 2004/095410 (13) A1

(21) PCT/JP2003/004975

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INFORMATION PROCESSING DEVICE, COMPUTER, TELEVISION DEVICE, IMAGE SWITCHING METHOD, AND IMAGE SWITCHING PROGRAM

• DISPOSITIF DE TRAITEMENT DE L'INFORMATION, ORDINATEUR, DISPOSITIF DE TELEVISION, PROCEDE DE COMMUTATION IMAGE, ET PROGRAMME DE COMMUTATION IMAGE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIROSUE, Yoji [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(51) G09G 5/00, H04N 5/91

(11) WO 2004/095411 (13) A1

(21) PCT/JP2004/005245

(22) 13 Apr/avr 2004 (13.04.2004)

(25) ja (26) ja

(30) 2003/118822 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISPLAY METHOD AND DISPLAY APPARATUS

• PROCEDE ET APPAREIL D'AFFICHAGE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKABE, Masaaki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). YAMAGUCHI, Kosuke [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) TSUNODA, Yoshisue et al. / etc.; Shinjuku Bldg., 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G09G 5/00, 3/20, 3/36, G06F 3/14, G06T 3/40, H04N 1/393

(11) WO 2004/095412 (13) A1

(21) PCT/JP2004/005759

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-117993 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISPLAY PROCESSING METHOD AND DISPLAY PROCESSING DEVICE

• PROCEDE ET DISPOSITIF DE TRAITEMENT D'AFFICHAGE

(71) VODAFONE K.K. [JP/JP]; 2-5-1, Atago, Minato-ku, Tokyo 1056205 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATANABE, Norioki [JP/JP]; c/o Vodafone K.K., 2-5-1, Atago, Minato-ku, Tokyo 1056205 (JP).

(74) SHIBATA, Itsuo; TAF Kyobashi Bldg. 7th Floor, 19-4, Kyobashi 1-chome, Chuo-ku, Tokyo 1040031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09G 5/00

(11) WO 2004/095413 (13) A1

(21) PCT/US2003/037063

(22) 19 Nov/nov 2003 (19.11.2003)

(25) en (26) en

(30) 10/396,647 24 Mar/mar 2003 US (24.03.2003)

(30) 10/420,625 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR CUSTOMIZING ELECTRONIC MESSAGES

• SYSTEME ET METHODE POUR PERSONNALISER DES MESSAGES ELECTRONIQUES

(71) HOTBAR.COM, INC. [US/US]; 226 West 37th Street, 11th Floor, New York, NY 10018 (US).

(72) DOBRONSKY, Oren; Hotbar.com, Inc., 226 West 37th Street, 11th Floor, New York, NY 10018 (US).

(74) RATTNER, Charles, A.; 240 Wardwell Street #7, Stamford, CT 06902-5254 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G09G 05/00

(11) WO 2004/095414 (13) A1

(21) PCT/US2004/012082

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,844 18 Apr/avr 2003 US (18.04.2003)

(30) 60/466,594 30 Apr/avr 2003 US (30.04.2003)

(30) 60/468,028 5 May/mai 2003 US (05.05.2003)

(30) 60/474,447 30 May/mai 2003 US (30.05.2003)

(30) 60/475,533 3 Jun/juin 2003 US (03.06.2003)

(30) 60/482,706 26 Jun/juin 2003 US (26.06.2003)

(30) 60/482,998 27 Jun/juin 2003 US (27.06.2003)

(30) 60/496,702 20 Aug/août 2003 US (20.08.2003)

(30) 60/500,602 5 Sep/sep 2003 US (05.09.2003)

(30) 60/504,331 19 Sep/sep 2003 US (19.09.2003)

(30) 60/510,885 14 Oct/oct 2003 US (14.10.2003)

(30) 60/536,564 14 Jan/jan 2004 US (14.01.2004)

(30) 60/552,968 11 Mar/mar 2004 US (11.03.2004)

(30) 60/557,140 26 Mar/mar 2004 US (26.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEMS TO ENHANCE DATA ENTRY IN MOBILE AND FIXED ENVIRONMENT

• SYSTEMES DESTINES A FAVORISER L'ENTREE DE DONNEES DANS UN ENVIRONNEMENT MOBILE ET FIXE

(71, 72) GHASSABIAN, Benjamin, Firooz [FR/US]; 11 Locust Cove Lane, Great Neck, NY 11024 (US).

(74) SOFER, Joseph; Sofer & Haroun, LLP, 317 Madison Avenue, Suite 910, New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> G09G 05/00

(11) WO 2004/095415 (13) A1

(21) PCT/US2004/012659

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/465,129 23 Apr/avr 2003 US (23.04.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DIALOG WINDOW BUTTON PROXIES NEAR CURSOR  
• MANDATAIRES DE BOUTON DE FENETRE DE DIALOGUE SE TROUVANT PRES DU CURSEUR
- (71, 72) YOST, David, A. [US/US]; 1218 Payne Drive, Los Altos, California 94024-5724 (US).
- (74) HAMRICK, Claude, A., S. et al. / etc.; BURNS, DOANE, SWECKER & MATHIS, LLP, PO BOX 1404, Alexandria, Virginia 22313-1404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)<sup>7</sup> G10D 3/00
- (11) WO 2004/095416 (13) A1
- (21) PCT/IE2004/000059
- (22) 26 Apr/avr 2004 (26.04.2004)
- (25) en (26) en
- (30) S2003/0312 24 Apr/avr 2003 IE (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A BLUES-SLIDE FOR A GUITAR PLAYER  
• COULISSE A BLUES POUR JOUEUR DE GUITARE
- (71, 72) MCDAID, Shaun, Charles, Patrick [IE/IE]; 8 Ardmore Gardens, Pollerton Road, Carlow, County Carlow (IE).
- (74) F. F. GORMAN & CO.; 15 Clanwilliam Square, Dublin 2 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G10H 1/34
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- (21) PCT/FR2003/001230
- (22) 17 Apr/avr 2003 (17.04.2003)
- (25) fr (26) fr
- (30) 10/742,853 23 Dec/déc 2003 US (23.12.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR TEXT-TO-SPEECH PROCESSING IN A PORTABLE DEVICE  
• SYSTEME ET PROCEDE DE SYNTHÈSE DE LA PAROLE A PARTIR DU TEXTE D'UN DISPOSITIF PORTABLE
- (71) AT & T CORP. [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHROETER, Horst, Juergen [US/US]; 58 Commonwealth Ave., New Providence, NJ 07974 (US).
- (74) KOBAYASHI, Duane, S.; Law Office of Duane S. Kobayashi, 1325 Murray Downs Way, Reston, VA 20194 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G10K 9/04
- (11) WO 2004/095418 (13) A1
- (21) PCT/PL2003/000113
- (22) 28 Oct/oct 2003 (28.10.2003)
- (25) en (26) en
- (30) P-359799 22 Apr/avr 2003 PL (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ACOUSTIC GENERATOR HAVING AN AIR-BLOWING HOLE, AN AIR-COMPRESSION CHAMBER AND A MEMBRANE  
• GENERATEUR ACOUSTIQUE COMPRENANT UN TROU D'INJECTION D'AIR, UNE CHAMBRE DE COMPRESSION D'AIR ET UNE MEMBRANE
- (71, 72) GIBASZEWSKI, Waldemar [PL/PL]; ul. Grabowa 16, PL-26-110 Skarzynsko-Kamienna (PL). GRABKOWSKI, Andrzej [PL/PL]; ul. Pilsudskiego 40/216, PL-26-110 Skarzynsko-Kamienna (PL). NALEJ, Zbigniew [PL/PL]; ul. Krasynskiego 14/46, PL-26-110 Skarzynsko-Kamienna (PL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G10L
- (11) WO 2004/095419 (13) A2
- (21) PCT/US2004/011654
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en (26) en
- (30) 60/463,760 18 Apr/avr 2003 US (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR COMBINED FREQUENCY-DOMAIN AND TIME-DOMAIN PITCH EXTRACTION FOR SPEECH SIGNALS  
• SYSTEME ET PROCEDE POUR DOMAINE DE FREQUENCE COMBINE ET DU PAS DU DOMAINE TEMPOREL POUR DES SIGNAUX VOCAUX
- (71) MOTOROLA INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 EAST ALGONQUIN ROAD, SCHAUMBURG, IL 60196 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAMABADRAN, Tenkasi V. [US/US]; 1852 Ranch View Drive, Naperville, IL 60565 (US). SORIN, Alexander [IL/IL]; Shoham Street 39, 34679 Haifa (IL).
- (74) LOPPNOW, Matthew C. et al. / etc.; 600 North US Highway 45, Libertyville, IL 60048 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM

- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G10L 15/14, 15/24
- (11) WO 2004/095421 (13) A1
- (21) PCT/US2004/006028
- (22) 26 Feb/fév 2004 (26.02.2004)
- (25) en (26) en
- (30) 10/392,709 19 Mar/mar 2003 US (19.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A COUPLED HIDDEN MARKOV MODEL (CHMM) FOR CONTINUOUS AUDIOVISUAL SPEECH RECOGNITION
- MODELE DE MARKOV CACHE COUPLE (CHMM) POUR LA RECONNAISSANCE VOCALE AUDIOVISUELLE CONTINUE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) NEFIAN, Ara; 550 Mansion Park Drive #2, Santa Clara, CA 95052 (US). LIU, Xiaoxing; 605 Lang Qiu Yuan, Huayuan North Road, Beijing, 100081 (CN). PI, Xiaobo; Room 205, Building 901, Jin Song Road, Beijing, 100021 (CN). LIANG, Luhong; Room 601, 6th Floor, North Office Tower, Kerry Center, Guanghua Road, Beijing, 100020 (CN). ZHAO, Yibao; Yongfeng Jixie Chang, Xuefu Road, Nangang District, Harbin, Hilongjiang, 150086 (CN).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Blvd., Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G10L 17/00
- (11) WO 2004/095423 (13) A1
- (21) PCT/KR2003/000812
- (22) 21 Apr/avr 2003 (21.04.2003)
- (25) ko (26) en
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CHANNEL MIS-MATCH COMPENSATION APPARATUS AND METHOD FOR ROBUST SPEAKER VERIFICATION SYSTEM
- APPAREIL ET PROCEDE DE COMPENSATION DE DESADAPTATION DE CANAL POUR SYSTEME DE VERIFICATION DE LOCUTEUR ROBUSTE
- (71) KWANGWOON FOUNDATION [KR/KR]; 447 1 Wolgye-dong, Nowon-gu, Seoul 139-701 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) KANG, Chul-Ho [KR/KR]; 102-905 Hyundai Apt., Wolgye-dong, Nowon-gu, Seoul 139-050 (KR). JEONG, Hee-Suk [KR/KR]; C-902 Samchang Apt., 448-3 Wolgye 1-dong, Nowon-gu, Seoul 139-846 (KR).
- (74) HUH, Sang-Hoon; 16th Fl., Woori Investment Bank Bldg., 826-20, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO
- RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G10L 19/04, H03M 7/30, H04B 14/04
- (11) WO 2004/095424 (13) A1
- (21) PCT/JP2004/005802
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) ja (26) ja
- (30) 2003-117421 22 Apr/avr 2003 JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • CODE CONVERSION METHOD AND DEVICE, PROGRAM, AND RECORDING MEDIUM
- PROGRAMME, PROCEDE ET DISPOSITIF DE CONVERSION DE CODE ET SUPPORT D'ENREGISTREMENT
- (71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURASHIMA, Atsushi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).
- (74) IKEDA, Noriyasu; The 3rd Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo, 1050003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G10L 21/02
- (11) WO 2004/095425 (13) A1
- (21) PCT/JP2004/005717
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ja (26) ja
- (30) 60/464,275 21 Apr/avr 2003 US (21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR ISOLATING SOUND SOURCE BY INDEPENDENT COMPONENT ANALYSIS, SOUND SOURCE ISOLATION PROCESSING SYSTEM, AND COMPUTER SOFTWARE PROGRAM FOR THE SAME
- PROCEDE D'ISOLATION DE SOURCE SONORE PAR ANALYSE DE COMPOSANTE INDEPENDANTE, SYSTEME DE TRAITEMENT D'ISOLATION DE
- 
- (51)<sup>7</sup> G10L 15/28
- (11) WO 2004/095422 (13) A2
- (21) PCT/GB2004/001738
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 0309088.3 22 Apr/avr 2003 GB (22.04.2003)

SOURCE SONORE, ET PROGRAMME LOGICIEL CORRESPONDANT

(71) **WAVECOM CORPORATION** [JP/JP]; 2-1, Hibikino Wakamatsu-ku, Kitakyushu-shi Fukuoka, 8080135 (JP).

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(72, 75) **IMOTO, Katsushi** [JP/JP]; c/o WAVECOM CORPORATION, 2-1, Hibikino Wakamatsu-ku, Kitakyushu-shi Fukuoka, 8120013 (JP).

(74) **YAGUCHI, Taro**; 4th Floor, Matrice Bldg., 2-13-7, Minamiaoyama Minato-ku Tokyo, 107-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B

(11) **WO 2004/095426** (13) A2

(21) PCT/US2004/010913

(22) **8 Apr/avr 2004 (08.04.2004)**

(25) en (26) en

(30) 10/420,371 **21 Apr/avr 2003 US (21.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR CREATING AN EXPANDED FUNCTIONALITY DIGITAL VIDEO DISC

• PROCEDE ET APPAREIL DE CREATION D'UN DISQUE VIDEONUMERIQUE A FONCTIONNALITE ETENDUE

(71) **TIVO INC.** [US/US]; P.O. Box 2160, 2160 Gold Street, Alviso, CA 95002-2160 (US).

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(72, 75) **OTALA, Tapani** [FI/US]; 4916 Alan Avenue, San Jose, CA 95124 (US). **VANNIER, Eric** [FR/US]; 2000 Walnut Avenue #K202, Fremont, CA 94538 (US).

(74) **WONG, Kirk et al.** / etc.; Hickman Palermo Truong & Becker LLP, 1600 Willow Street, San Jose, CA 95125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B

(11) **WO 2004/095427** (13) A2

(21) PCT/US2004/011747

(22) **16 Apr/avr 2004 (16.04.2004)**

(25) en (26) en

(30) 60/463,785 **18 Apr/avr 2003 US (18.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ASYMMETRICAL ACCOUNTING FOR A STABLE VALUE INVESTMENT PRODUCT

• REPRESENTATION ASYMETRIQUE D'UN PRODUIT D'INVESTISSEMENT DE VALEUR STABLE

(71) **METROPOLITAN LIFE INSURANCE COMPANY** [US/US]; One Madison Avenue, New York, NY 10010 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JANSSEN, Sebastien** [US/US]; 11 Westin Drive, Pittstown, NJ 08867 (US).

(74) **IM, Andrew, C. et al.** / etc.; Fulbright & Jaworski LLP, 666 Fifth Avenue, New York, NY 10103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B

(11) **WO 2004/095428** (13) A2

(21) PCT/US2004/012376

(22) **22 Apr/avr 2004 (22.04.2004)**

(25) en (26) en

(30) 60/464,682 **22 Apr/avr 2003 US (22.04.2003)**

(30) 10/778,818 **13 Apr/avr 2004 US (13.04.2004)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INDEX AND QUERY PROCESSOR FOR DATA AND INFORMATION RETRIEVAL, INTEGRATION AND SHARING FROM MULTIPLE DISPARATE DATA SOURCES

• PROCESSEUR D'INDEX ET DE DEMANDE POUR L'EXTRACTION, L'INTEGRATION ET LE PARTAGE DE DONNEES ET D'INFORMATIONS DEPUIS DES SOURCES DE DONNEES DISPARATES MULTIPLES

(71) **WHAMTECH, INC.** [US/US]; Suite 200, 4450 Sojourn Drive, Addison, TX 75001 (US).

(72, 75) **ROBERTSON, Gavin** [US/US]; 2332 Cromwell Drive, Arlington, TX 76018 (US).

(74) **HOWISON, Gregory, M. et al.** / etc.; Howison & Arnott L.L.P., P.O. Box 741715, Dallas, TX 75374-1715 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B

(11) **WO 2004/095429** (13) A2

(21) PCT/US2004/003629

(22) **10 Feb/fév 2004 (10.02.2004)**

(25) en (26) en

(30) 10/401,868 **31 Mar/mar 2003 US (31.03.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL DISC AND METHOD OF PROTECTING SAME

• DISQUE OPTIQUE ET PROCEDE DE PROTECTION DE CE DISQUE

(71) **SCRATCH-LESS DISC INDUSTRIES LLC** [US/US]; 1016 Holly Street, Denver, CO 80220 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KUCHMAN, Todd, J.**; 9510 Silver Spur Lane, Highlands Ranch, CO 80130 (US).

(74) **GATTO, James, G. et al.** / etc.; Mintz Levin Cohn Ferris Glovsky & Popeo, 12010 Sunset Hills Road, Suite 900, Reston, VA 20190 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B

(11) **WO 2004/095430** (13) A2

(21) PCT/US2004/005641

(22) **26 Feb/fév 2004 (26.02.2004)**

(25) en (26) en

(30) 10/414,298 **16 Apr/avr 2003 US (16.04.2003)**



- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM FOR TESTING, VERIFYING LEGITIMACY OF SMART CARD IN-SITU AND FOR STORING DATA THEREIN  
• SYSTEME DE MISE A L'ESSAI DE VERIFICATION DE LA LEGITIMITE D'UNE CARTE INTELLIGENTE SUR PLACE ET DE MEMORISATION DE DONNEES DANS LADITE CARTE
- (71, 72) TARNOVSKY, George, V. [US/US]; 8314 Morningside Drive, Manassas, VA 20112 (US). TARNOVSKY, Christopher, G. [US/US]; 737 Poppy Road, San Marcos, CA 92078 (US).
- (74) FISHER, Stanley, P.; Reed Smith LLP, 3110 Fairview Park Drive, Suite 1400, Falls Church, VA 22042 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G11B
- (11) WO 2004/095431 (13) A2
- (21) PCT/US2004/005741
- (22) 25 Feb/fév 2004 (25.02.2004)
- (25) en (26) en
- (30) 10/421,996 22 Apr/avr 2003 US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS AND SYSTEMS FOR ASSOCIATING CUSTOMIZED ADVERTISING MATERIALS WITH BILLING STATEMENTS  
• PROCEDES ET SYSTEMES D'ASSOCIATION DE MATIERES DE PUBLICITE PERSONNALISEES AVEC DES DOCUMENTS DE FACTURATION
- (71) QWEST COMMUNICATIONS INTERNATIONAL INC. [US/US]; 1801 California Street, Suite 3800, Denver, CO 80202 (US). POLLARD, Larry, C. [US/US]; 9785 Keenan Street, Littleton, CO 80130 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) REBENACK, Larry, M. [US/US]; 4465 Wellington Road, Boulder, CO 80301 (US).
- (74) GIBBY, Darin, J. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, 5 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> G11B
- (11) WO 2004/095432 (13) A2
- (21) PCT/US2004/005743
- (22) 26 Feb/fév 2004 (26.02.2004)
- (25) en (26) en
- (30) 60/457,268 25 Mar/mar 2003 US (25.03.2003)
- (30) 10/464,418 17 Jun/juin 2003 US (17.06.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • GENERATION AND PRESENTATION OF SEARCH RESULTS USING ADDRESSING INFORMATION  
• PRODUCTION ET PRESENTATION DE RESULTATS DE RECHERCHE AU MOYEN D'INFORMATIONS D'ADRESSAGE
- (71) CLARIA CORPORATION [US/US]; 555 Broadway Street, Redwood City, CA 94063 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MARTIN, Anthony, G. [CA/US]; 1060 Los Altos Avenue, Los Altos, CA 94022 (US). VETESKA, Eugene, A. [US/US]; 1155 Fargate Circle, San Jose, CA 95131 (US). GOULDEN, David, L. [US/US]; 441 Grand Street, Redwood City, CA 94062 (US). WESLEY, Christopher, W. [US/US]; 1614 Oxford Street, #5, San Jose, CA 94061 (US).
- (74) BENEDICTO, Patrick, D. et al. / etc.; Okamoto & Benedicto LLP, P.O. Box 641330, San Jose, CA 95164-1330 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR
- GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations
- 
- (51)<sup>7</sup> G11B
- (11) WO 2004/095433 (13) A2
- (21) PCT/US2004/009497
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 92109188 17 Apr/avr 2003 TW (17.04.2003)
- (30) 10/651,826 29 Aug/août 2003 US (29.08.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • OPTICAL DISK SUBSTRATE, OPTICAL DISK, AND METHOD OF FORMING THE SAME  
• SUBSTRAT DE DISQUE OPTIQUE, DISQUE OPTIQUE ET PROCEDE DE FORMATION DE CEUX-CI
- (71) PRINCO AMERICA CORP. [US/US]; 47517 Seabridge Drive, Fremont, CA 94538 (US). PRINCO CORP.; No. 6, Creation 4th Road, Science-Based Industrial Park, Hsinchu (TW).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) CHU, Yi-Lin; 7F, N0. 88, Shinjuang Street, Hsinchu (TW).
- (74) PAI, Chao-Chang, David; 1001 Fourth Avenue, Suite 3200, Seattle, WA 98154 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR

TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G11B

(11) WO 2004/095434 (13) A2

(21) PCT/US2004/009672

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/463,744 18 Apr/avr 2003 US (18.04.2003)

(30) 10/731,784 9 Dec/déc 2003 US (09.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS FOR CREATING A MULTI-DIMENSIONAL DATA SIGNAL

• DISPOSITIF POUR PRODUIRE UN SIGNAL DE DONNEES A PLUSIEURS DIMENSIONS

(71) LUCERE, LP [US/US]; P.O. Box 91705, Austin, TX 78709 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCNIECE, Robert, G. [US/US]; 21102 National Drive, Lago Vista, TX 78645 (US).

(74) HULSEY, William, N., III et al. / etc.; Hulsey Grether, Fortkort &amp; Webster, LLP, Suite 3200, 8911 N. Capital of Texas Hwy., Austin, TX 78759 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> G11B 5/718

(11) WO 2004/095435 (13) A1

(21) PCT/US2004/005306

(22) 23 Feb/fév 2004 (23.02.2004)

(25) en

(26) en

(30) 10/394,876 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DOUBLE SIDED MAGNETIC TAPE

• BANDE MAGNETIQUE DOUBLE FACE

(71) STORAGE TECHNOLOGY CORPORATION [US/US]; One StorageTek Drive, MS-4309, Louisville, CO 80028-4309 (US).

(72) DEE, Richard, H.; 887 Dearborn Place, Boulder, CO 80303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 5/73

(11) WO 2004/095436 (13) A1

(21) PCT/JP2004/005678

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 2003-116290 21 Apr/avr 2003 JP (21.04.2003)

(30) 60/465,223 25 Apr/avr 2003 US (25.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUBSTRATE FOR PERPENDICULAR MAGNETIC RECORDING MEDIUM AND METHOD FOR PRODUCTION THEREOF

• SUBSTRAT POUR SUPPORT D'ENREGISTREMENT MAGNETIQUE PERPENDICULAIRE ET PROCEDE DE PRODUCTION

(71) SHOWA DENKO K.K. [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OHMORI, Masahiro [JP/JP]; c/o Showa Denko K.K. Oyama Plant, 1-480, Inuzuka, Oyama-shi, Tochigi 323-8678 (JP).

(74) FUKUDA, Kenzo et al. / etc.; Kashiwaya Bldg., 6-13, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/0045, 7/0055, 7/007, 20/12

(11) WO 2004/095437 (13) A1

(21) PCT/JP2004/004096

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-115548 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL DATA RECORDING METHOD AND OPTICAL DISC DRIVE

• PROCEDE D'ENREGISTREMENT DE DONNEES OPTIQUES ET UNITE DE DISQUE OPTIQUE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza, Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHOJI, MamoruISHIDA, Takashi

(74) OKUDA, Seiji; Okuda &amp; Associates, 2nd Floor, Kataoka Bldg., 3-6 Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/0045

(11) WO 2004/095438 (13) A1

(21) PCT/KR2004/000954

(22) 24 Apr/avr 2004 (24.04.2004)

(25) en (26) en

(30) 10-2003-0026151 24 Apr/avr 2003 KR (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR MANAGING COPY PROTECTION INFORMATION OF RECORDING MEDIUM

• PROCEDE DE GESTION D'INFORMATIONS DE PROTECTION ANTI-COPIE D'UN SUPPORT D'ENREGISTREMENT

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Byung Jin [KR/KR]; 111-204, Hansol Chungu APT., 110, Jeongja-dong,

Bundang-gu, Sungnam, Kyunggi-do, 463-010 (KR). **KIM, Hyung Sun** [KR/KR]; 286-266, Huigyoung 2-dong, Dongdaemoon-gu, Seoul 130-878 (KR). **STECHKINE, Alexandre** [RU/KR]; 103-109, Kolong Apt., Woomyun-dong, Seocho-gu, Seoul 137-784 (KR).

(74) **PARK, Lae Bong**; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-gu, Seoul 135-272 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/007

(11) WO 2004/095439 (13) A1

(21) PCT/KR2004/000953

(22) 24 Apr/avr 2004 (24.04.2004)

(25) en (26) en

(30) 10-2003-0026150 24 Apr/avr 2003 KR (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR MANAGING COPY PROTECTION INFORMATION OF RECORDING MEDIUM

• PROCEDE DE GESTION D'INFORMATIONS POUR LA PROTECTION D'UN SUPPORT D'ENREGISTREMENT CONTRE LA COPIE

(71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Byung Jin** [KR/KR]; 111-204, Hansol Chungu APT., 110, Jeongja-dong, Bundang-gu, Sungnam, Kyunggi-do, 463-010 (KR). **KIM, Hyung Sun** [KR/KR]; 286-266, Huigyoung 2-dong, Dongdaemoon-gu, Seoul 130-878 (KR). **STECHKINE, Alexandre** [RU/KR]; 103-109, Kolong Apt., Woomyun-dong, Seocho-gu, Seoul 137-784 (KR).

(74) **PARK, Lae Bong**; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-gu, Seoul 135-272 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 7/09

(11) WO 2004/095440 (13) A1

(21) PCT/IB2004/001176

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 0309052.9 22 Apr/avr 2003 GB (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND RELATED METHOD FOR MONITORING TRACKING OF AN OPTICAL DISC

• APPAREIL ET PROCEDE ASSOCIE POUR SURVEILLER L'ALIGNEMENT D'UN DISQUE OPTIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAROLD-BARRY, John, A.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). **WU, Xinyan** [CN/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) **WILLIAMSON, Paul, L.**; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G11B 7/09

(11) WO 2004/095441 (13) A1

(21) PCT/IB2004/050485

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03076190.2 23 Apr/avr 2003 EP (23.04.2003)

(30) 03102579.4 18 Aug/août 2003 EP (18.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN OPTICAL DISC UNIT WITH A FOCUS CONTROL LOOP AND ANTI-COLLISION CIRCUIT FOR AN OPTICAL DISC UNIT

• UNITE DE DISQUE OPTIQUE A BOUCLE DE COMMANDE DE FOCALISATION ET CIRCUIT ANTI-COLLISION POUR UNE UNITE DE DISQUE OPTIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAAYMAKERS, Jeroen, A., L., J.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **MAK, Theodorus, N.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> G11B 7/12, 3/58

(11) WO 2004/095442 (13) A1

(21) PCT/RU2004/000140

(22) 13 Apr/avr 2004 (13.04.2004)

(25) ru (26) ru

(30) 2003111694 22 Apr/avr 2003 RU (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR CLEANING AN OPTICAL HEAD FOR READING COMPACT-DISC DATA

- DISPOSITIF DE NETTOYAGE DE TETE OPTIQUE DE LECTURE DE DONNEES A PARTIR DE CD
- (71, 72) **BELYAEV, Dmitry Anatolievich** [RU/RU]; Sverdlovskaya nab., 62-92, St.Petersburg, 195160 (RU).
- (74) **SANDIGURSKY, Oleg Lvovich**; a/ya 40, St.Petersburg, 191040 (RU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> **G11B 7/135, G02B 13/18, 5/18**
- (11) **WO 2004/095443** (13) A1
- (21) PCT/JP2004/005634
- (22) **20 Apr/avr 2004 (20.04.2004)**
- (25) en (26) en
- (30) 2003-117027 **22 Apr/avr 2003 JP (22.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • OPTICAL PICKUP APPARATUS AND OPTICAL SYSTEM FOR OPTICAL PICKUP APPARATUS
- APPAREIL DE LECTURE OPTIQUE ET SYSTEME OPTIQUE POUR CET APPAREIL
- (71) **KONICA MINOLTA OPTO INC.** [JP/JP]; 2970, Ishikawa-machi, Hachioji-shi, Tokyo, 1928505 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MORI, Nobuyoshi** [JP/JP]; c/o KONICA MINOLTA OPTO, INC., 2970, Ishikawa-machi, Hachioji-shi, Tokyo, 1928505 (JP). **KIMURA, Tohru** [JP/JP]; c/o KONICA MINOLTA OPTO, INC., 2970, Ishikawa-machi, Hachioji-shi, Tokyo, 1928505 (JP).
- (74) **SUZUKI, Hiroh**; Suzuki International Patent Office Chanokiya Bldg, 3-1, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo, 1030023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G11B 7/135**
- (11) **WO 2004/095444** (13) A1
- (21) PCT/JP2004/005866
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) ja (26) ja
- (30) 2003-120286 **24 Apr/avr 2003 JP (24.04.2003)**
- (30) 2003-368457 **29 Oct/oct 2003 JP (29.10.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DIFFRACTION OPTICAL DEVICE AND OPTICAL PICKUP DEVICE USING THE SAME
- DISPOSITIF OPTIQUE DE DIFFRACTION ET DISPOSITIF DE LECTURE OPTIQUE COMPRENANT CE DERNIER
- (71) **KONICA MINOLTA OPT, INC.** [JP/JP]; 2970, Ishikawa-machi, Hachioji-Shi, Tokyo 192-8505 (JP).
- (72) **TAKADA, Kyu**; c/o Konica Minolta Opt, Inc., 2970, Ishikawa-machi, Hachioji-Shi, Tokyo 192-8505 (JP). **HASHIMURA, Junji**; c/o Konica Minolta Opt, Inc., 2970, Ishikawa-machi, Hachioji-Shi, Tokyo 192-8505 (JP). **ORI, Yuichiro**; c/o Konica Minolta Opt, Inc., 2970, Ishikawa-machi, Hachioji-Shi, Tokyo 192-8505 (JP). **KIMURA, Toru**; c/o Konica Minolta Opt, Inc., 2970, Ishikawa-machi, Hachioji-Shi, Tokyo 192-8505 (JP).
- (74) **SANO, Shizuo**; Tenmabashi-Yachiyo Bldg. Bekkan, 2-6, Tenmabashi-kyomachi, Chuo-ku, Osaka-Shi, Osaka 540-0032 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **G11B 7/26, B29C 45/26, 33/38 // B29L 17:00**
- (11) **WO 2004/095445** (13) A1
- (21) PCT/JP2004/005015
- (22) **7 Apr/avr 2004 (07.04.2004)**
- (25) ja (26) ja
- (30) 2003/114684 **18 Apr/avr 2003 JP (18.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • STAMPER AND METHOD FOR PRODUCTION THEREOF

- MATRICE DE PRESSAGE ET SON PROCEDE DE PRODUCTION
- (71) **PIONEER CORPORATION** [JP/JP]; 4-1, Meguro 1-chome, Meguro-ku, Tokyo 153-8654 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **IIDA, Tetsuya** [JP/JP]; c/o Pioneer Corporation, Sogo Kenkyusho, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2201 (JP). **KATSUMURA, Masahiro** [JP/JP]; c/o Pioneer Corporation, Sogo Kenkyusho, 1-1, Fujimi 6-chome, Tsurugashima-shi, Saitama 350-2201 (JP).
- (74) **ISHIKAWA, Yasuo et al. / etc.**; Park Shiba Building 4F, 17-11, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **G11B 17/26**
- (11) **WO 2004/095446** (13) A1
- (21) PCT/JP2003/004980
- (22) **18 Apr/avr 2003 (18.04.2003)**
- (25) ja (26) ja
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • OPTICAL INFORMATION STORAGE DEVICE AND OPTICAL INFORMATION STORAGE SYSTEM
- DISPOSITIF DE MISE EN MEMOIRE DE L'INFORMATION OPTIQUE, ET SYSTEME DE MISE EN MEMOIRE DE L'INFORMATION OPTIQUE
- (71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MATSUI, Kiyoto** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **YAMADA, Masaki et al. / etc.**; KOSUGI & YAMADA, Pelican Building 4th Floor, 3-3, Nishi-shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC  
NL PT RO SE SI SK TR); OA (BF BJ CF CG  
CI CM GA GN GQ GW ML MR NE SN TD  
TG).

(51)<sup>7</sup> G11B 20/00, 23/28, 23/40

(11) WO 2004/095447 (13) A1

(21) PCT/GB2004/001659

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308877.0 16 Apr/avr 2003 GB  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN OPTICAL DATA CARRIER

• SUPPORT DE DONNEES OPTIQUES

(71) THE HOLOGRAPHIC IMAGE STUDIO  
LIMITED [GB/GB]; 72 Forest Road, Kew,  
London TW9 3BZ (GB).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) RICHARDSON, Martin, John  
[GB/GB]; 72 Forest Road, Kew, Surrey  
TW9 3BZ (GB).

(74) JOHNSON, Terence, Leslie; Marks &  
Clerk, Clifford's Inn, Fetter Lane, London  
EC4A 1Z (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> G11B 20/00, 23/36, 7/24, 19/04

(11) WO 2004/095448 (13) A1

(21) PCT/IB2004/001238

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 03290992.1 23 Apr/avr 2003 EP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COPY-PROTECTED DATA CARRIER

• SUPPORT DE DONNEES PROTEGE  
CONTRE LA COPIE

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KURT, Ralph [DE/NL]; c/o Société  
Civile SPID, 156 Boulevard Haussmann,  
F-75008 PARIS (FR). HENDRIKS, Robert  
[NL/NL]; c/o Société Civile SPID, 156  
Bd Haussmann, F-75008 PARIS (FR). SE-  
TAYESH, Sepas [IR/NL]; c/o Société Civile  
SPID, 156 Bd Haussmann, F-75008 PARIS  
(FR).

(74) ROCHE, Denis; Société Civile SPID, 156  
Boulevard Haussmann, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> G11B 20/10, G10L 19/00, G06F 12/14

(11) WO 2004/095449 (13) A1

(21) PCT/JP2004/005017

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-119947 24 Apr/avr 2003 JP  
(24.04.2003)

(30) 2003-119946 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INFORMATION PROCESSING DE-  
VICE AND INFORMATION PROCESS-  
ING METHOD

• DISPOSITIF DE TRAITEMENT  
D'INFORMATION ET PROCEDE DE  
TRAITEMENT D'INFORMATION

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-  
tashinagawa 6-chome, Shinagawa-ku, Tokyo,  
1410001 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) IWATSU, Takeshi [JP/JP]; c/o SONY  
CORPORATION, 7-35, Kitashinagawa,  
6-chome, Shinagawa-ku, Tokyo, 1410001

(JP). KIMURA, Manabu [JP/JP]; c/o SONY  
CORPORATION, 7-35, Kitashinagawa,  
6-chome, Shinagawa-ku, Tokyo, 1410001  
(JP). KOIKE, Takashi [JP/JP]; c/o SONY  
CORPORATION, 7-35, Kitashinagawa,  
6-chome, Shinagawa-ku, Tokyo, 1410001  
(JP). GOTO, Takashi [JP/JP]; c/o SONY  
CORPORATION, 7-35, Kitashinagawa,  
6-chome, Shinagawa-ku, Tokyo, 1410001  
(JP).

(74) KOIKE, Akira et al. / etc.; 11th Floor,  
Yamato Seimei Bldg., 1-7, Uchisaiwai-cho  
1-chome, Chiyoda-ku, Tokyo, 1000011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> G11B 20/10, G06K 19/00, G06F 12/14,  
9/06, 1/00

(11) WO 2004/095450 (13) A1

(21) PCT/JP2004/005039

(22) 7 Apr/avr 2004 (07.04.2004)

(25) ja (26) ja

(30) 2003-117875 23 Apr/avr 2003 JP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FUNCTION VALIDATING RECORD-  
ING MEDIUM, FUNCTION VALIDAT-  
ING DEVICE, CONTROL DEVICE,  
AND FUNCTION VALIDATING SYS-  
TEM

• SUPPORT D'ENREGISTREMENT VA-  
LIDANT UNE FONCTION, DISPOSITIF  
DE VALIDATION DE FONCTION,  
DISPOSITIF DE COMMANDE ET SYS-  
TEME DE VALIDATION DE FONC-  
TION

(71) DAIKIN INDUSTRIES LTD. [JP/JP];  
Umeda Center Building, 4-12, Nakazaki-  
Nishi 2-Chome, Kita-ku, Osaka-shi, Osaka,  
5308323 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) KANBARA, Toshihiro [JP/JP]; c/o  
DAIKIN INDUSTRIES, LTD., Shiga  
Plant, 1000-2, Aza Ootani, Okamoto-cho,  
Kusatsu-shi, Shiga, 5258526 (JP).

(74) ONO, Yukio et al. / etc.; SHINJYU  
GLOBAL IP, South Forest Bldg., 1-4-19,  
Minamimori-machi, Kita-ku, Osaka-shi, Os-  
aka, 5300054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 20/10, H04N 5/91

(11) WO 2004/095451 (13) A1

(21) PCT/JP2004/005635

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-117952 23 Apr/avr 2003 JP (23.04.2003)

(30) 2004-68456 11 Mar/mar 2004 JP (11.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INPUT DATA RECORDER AND INPUT DATA RECORDING METHOD

• ENREGISTREUR DE DONNEES D'ENTREE ET PROCEDE D'ENREGISTREMENT DE DONNEES D'ENTREE

(71) KONICA MINOLTA PHOTO IMAGING, INC. [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP).

(72) UEDA, Yutaka; c/o Konica Minolta Photo, Imaging, Inc., 2970, Ishikawa-machi, Hachioji-shi, Tokyo 192-8505 (JP). IGARASHI, Takashi; c/o Konica Minolta Photo, Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 20/10

(11) WO 2004/095452 (13) A2

(21) PCT/JP2004/005715

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 2003-116836 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AGGREGATION SYSTEM

• SYSTEME D'AGREGATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71) YAMAMICHI, Masami (heir of the deceased inventor / héritier de l'inventeur décédé)

(only for / seulement pour US)

(72) YAMAMICHI, Masato (deceased / décédé).

(72, 75) OHMORI, Motoji/YAMAMOTO, Masaya/UESAKA, Yasushi/HAMASAKA, Hiroshi

(74) NII, Hiromori; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Cent er Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka, 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 20/10

(11) WO 2004/095453 (13) A1

(21) PCT/KR2004/000922

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,866 23 Apr/avr 2003 US (23.04.2003)

(30) 10-2003-0026786 28 Apr/avr 2003 KR (28.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR SYNCHRONOUS REPRODUCTION OF MAIN CONTENTS RECORDED ON AN INTERACTIVE RECORDING MEDIUM AND ADDITIONAL CONTENTS THEREFOR

• PROCEDE ET APPAREIL POUR LA REPRODUCTION SYNCHRONE DE CONTENUS PRINCIPAUX ENREGISTRES SUR UN SUPPORT D'ENREGISTREMENT INTERACTIF ET DE CONTENUS SUPPLEMENTAIRES ASSOCIES

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOO, Jea Yong [KR/KR]; C-306, Maebong Samsung APT., Dogok-dong, Kangnam-gu, Seoul 135-270 (KR). YOON, Woo Seong [KR/KR]; 102-701, Geukdong Apt., Teogyewon-myun, Namyangjoo-si, Kyonggi-do 472-744 (KR). KIM, Byung Jin [KR/KR]; 111-204, Hansol Chungu APT., 110, Jeongja-dong, Bundang-gu, Sungnam, Kyunggi-do, 463-010 (KR). ALEXANDRE, Limonov [KR/KR]; 103-109, Kolong Apt., Woomyun-dong, Seocho-gu, Seoul 137-784 (KR).

(74) PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Gangnam-gu, Seoul 135-272 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 20/14, 20/10, 20/12, 7/005

(11) WO 2004/095454 (13) A1

(21) PCT/JP2004/001918

(22) 19 Feb/fév 2004 (19.02.2004)

(25) ja (26) ja

(30) 2003-118471 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REPRODUCTION APPARATUS AND METHOD

• APPAREIL ET PROCEDE DE REPRODUCTION

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATO, Morihiko [JP/JP]; C/o Sony Corporation 7-35, Kitashinagawa 6-chome, Shinagawa-ku Tokyo, 1410001 (JP).

(74) SUGIURA, Masatomo et al. / etc.; Ikebukuro Park Bldg. 7th Floor, 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo, 1710022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11B 27/10, H04N 5/85, 5/92, 5/93

(11) WO 2004/095455 (13) A1

(21) PCT/JP2004/005366

(22) 15 Apr/avr 2004 (15.04.2004)

(25) ja (26) ja

(30) 2003-118284 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RECORDING MEDIUM, REPRODUCING APPARATUS, RECORDING METHOD, REPRODUCING PROGRAM, AND REPRODUCING METHOD

- SUPPORT D'ENREGISTREMENT, APPAREIL DE REPRODUCTION, PROCEDE D'ENREGISTREMENT, PROGRAMME DE REPRODUCTION, ET PROCEDE DE REPRODUCTION
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 5718501 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **IKEDA, Wataru** **OKADA, Tomoyuki** **UESAKA, Yasushi**
- (74) **NAKAJIMA, Shiro**; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 5310072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G11B 27/34, 27/10, 19/02, G06F 9/44, 3/033, H04N 5/445**
- (11) **WO 2004/095456** (13) A1
- (21) PCT/IB2004/050472
- (22) **21 Apr/avr 2004 (21.04.2004)**
- (25) en (26) en
- (30) 03101134.9 **24 Apr/avr 2003** EP  
**(24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MENU GENERATOR DEVICE AND MENU GENERATING METHOD FOR COMPLEMENTING VIDEO/AUDIO SIGNALS WITH MENU INFORMATION
- DISPOSITIF ET PROCEDE DE GENERATION DE MENU POUR ENRICHIR DES SIGNAUX VIDEO/AUDIO AVEC DES INFORMATIONS DE MENU
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GRUBER, Thomas** [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).
- (74) **RÖGGLA, Harald**; Philips Intellectual Property & Standards, Triester Strasse 64, A-1101 Vienna (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G11C**
- (11) **WO 2004/095458** (13) A2
- (21) PCT/US2004/011439
- (22) **14 Apr/avr 2004 (14.04.2004)**
- (25) en (26) en
- (30) 10/414,698 **16 Apr/avr 2003** US  
**(16.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G11C**
- (11) **WO 2004/095457** (13) A2
- (21) PCT/US2004/011219
- (22) **12 Apr/avr 2004 (12.04.2004)**
- (25) en (26) en
- (30) 10/412,045 **11 Apr/avr 2003** US  
**(11.04.2003)**
- (30) 10/411,835 **11 Apr/avr 2003** US  
**(11.04.2003)**
- (30) 10/411,784 **11 Apr/avr 2003** US  
**(11.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INITIALIZATION AND UPDATE OF SOFTWARE AND/OR FIRMWARE IN ELECTRONIC DEVICES
- INITIALISATION ET ACTUALISATION D'UN LOGICIEL ET/OU D'UN MICROPROGRAMME DANS DES DISPOSITIFS ELECTRONIQUES
- (71) **BITFONE COPORATION** [US/US]; 32451 Golden Lantern, Suite 301, Laguna Niguel, CA 92677 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **O'NEILL, Patrick** [US/US]; 1 Antigua, Dana Point, CA 92629 (US). **SOTOS, Peter L.** [US/US]; 152 N. Singingwood Street, # 4, Orange, CA 92869 (US). **JACOBI, Sidney Andrew** [US/US]; 252 Muirfield Way, San Marcos, CA 92069 (US). **LIM, Jeong M.** [KR/US]; 101-1305 Chung-goo, Bluehill House, Jamwon-dong, Seocho-gu, Seoul (KR). **SHAO-CHUN, Chen** [—/US]; 27662 Aliso Creek Road, Apt. # 7304, Aliso Viejo, CA 92656 (US).
- (74) **BORG, Kevin E.**; 500 West Madison Street, Suite 3400, Chicago, Illinois 60661 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **G11C**
- (11) **WO 2004/095459** (13) A2
- (21) PCT/US2004/011864
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 10/417,851 **16 Apr/avr 2003** US  
**(16.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MAGNETORESISTIVE RANDOM ACCESS MEMORY DEVICE STRUCTURES AND METHODS FOR FABRICATING THE SAME
- STRUCTURES DE DISPOSITIF A MEMOIRE D'ACCES ALEATOIRE MAGNETORESISTANT ET PROCEDES DE FABRICATION CORRESPONDANTS
- (71) **FREESCALE SEMICONDUCTOR, INC.** [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GRYNKEWICH, Gregory** [US/US]; 1142 W. Peninsula Drive, Gilbert, AZ 85233 (US). **DEHERRERA, Mark** [US/US]; 2301 E. Laird Street, Tempe, AZ 85281 (US). **DURLAM, Mark, A.** [US/US]; 4076 West Orchid Lane, Chandler, AZ 85226 (US). **TRACY, Clarence, J.** [US/US]; 2311 S. Butte Avenue, Tempe, AZ 85282 (US).
- (74) **KING, Robert, L.** et al. / etc.; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, TX 78729 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G11C  
 (11) WO 2004/095460 (13) A2  
 (21) PCT/US2004/003773  
 (22) 10 Feb/fév 2004 (10.02.2004)  
 (25) en (26) en  
 (30) 60/458,649 28 Mar/mar 2003 US (28.03.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • ASYNCHRONOUS JITTER REDUCTION TECHNIQUE  
 • TECHNIQUE DE REDUCTION DE GIGUE ASYNCHRONE
- (71) GRASS VALLEY (U.S.) INC. [US/US]; 400 Providence Mine Road, Nevada City, California 95959 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CASTLEBARY, Robert, Allen [US/US]; 10915 Peaceful Valley Road, Nevada City, California 95959 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; Two Independence Way, Suite #200, Princeton, New Jersey 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G11C  
 (11) WO 2004/095461 (13) A2  
 (21) PCT/US2004/008117  
 (22) 15 Mar/mar 2004 (15.03.2004)  
 (25) en (26) en  
 (30) 10/402,385 28 Mar/mar 2003 US (28.03.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • REDUNDANT MEMORY STRUCTURE USING BAD BIT POINTERS  
 • STRUCTURE DE MÉMOIRE REDONDANTE UTILISANT DES POINTEURS DE BITS DÉFECTUEUX
- (71) MATRIX SEMICONDUCTOR, INC. [US/US]; 3230 Scott Boulevard, Santa Clara, CA 95054 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SCHEUERLEIN, Roy, E. [US/US]; 22145 Orchard Court, Cupertino, CA 95014 (US). JOHNSON, Mark, G. [US/US]; 125 Arbuelo Way, Los Altos, CA 94022 (US). BOSCH, Derek, J. [US/US]; 765 N. Rengstorff #4, Mountain View, CA 94043 (US). ILKBAHAR, Alper [US/US]; 1418 Four Oaks Rd., San Jose, CA 95131 (US). TRINGALI, J., James [—/US]; 105 Jordan Avenue, Los Altos, CA 94022 (US).
- (74) HETZ, Joseph, F.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> G11C 5/14, 8/08  
 (11) WO 2004/095462 (13) A1  
 (21) PCT/US2004/007188  
 (22) 8 Mar/mar 2004 (08.03.2004)  
 (25) en (26) en  
 (30) 10/406,415 3 Apr/avr 2003 US (03.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • FAST, ACCURATE AND LOW POWER SUPPLY VOLTAGE BOOSTER USING A/D CONVERTER  
 • SURVOLTEUR D'ALIMENTATION RAPIDE, PRECIS ET DE FAIBLE PUISSANCE FAISANT APPEL A UN CONVERTISSEUR A/N
- (71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
- (72, 75) LE, Binh Quang [US/US]; 1277 Crestpoint Drive, San Jose, CA 95131 (US). LY, Cathy, Thuvan [US/US]; 2803 Cozumel Circle, Santa Clara, CA 95051 (US). CLEVELAND, Lee [US/US]; 3428 Saint Mary's Place, Santa Clara, CA 95051 (US). CHEN, Pau-ling [US/US]; 12947 Arroyo de Arguello, Saratoga, CA 95070 (US).
- (74) COLLOPY, Daniel, R.; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> G11C 7/06, 11/16  
 (11) WO 2004/095463 (13) A1  
 (21) PCT/US2004/008404  
 (22) 18 Mar/mar 2004 (18.03.2004)  
 (25) en (26) en  
 (30) 10/400,620 28 Mar/mar 2003 US (28.03.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • METHOD FOR REDUCING POWER CONSUMPTION WHEN SENSING A RESISTIVE MEMORY  
 • PROCEDE DE REDUCTION DE LA CONSOMMATION D'ENERGIE PAR DETECTION D'UNE MEMOIRE RESISTIVE
- (71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83707-0006 (US).
- (72) BAKER, Jacob, R.; 5501 S. Linder Road, Meridian, ID 83642 (US).
- (74) D'AMICO, Thomas, J.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street, NW, Washington, DC 20037-1526 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)<sup>7</sup> G11C 11/15, H01L 27/10, 43/08  
 (11) WO 2004/095464 (13) A1  
 (21) PCT/JP2004/005242  
 (22) 13 Apr/avr 2004 (13.04.2004)  
 (25) ja (26) ja  
 (30) 2003-115283 21 Apr/avr 2003 JP (21.04.2003)  
 (43) 4 Nov/nov 2004 (04.11.2004)  
 (54) • MAGNETIC RANDOM ACCESS MEMORY USING IMPROVED DATA READ OUT METHOD  
 • MEMOIRE A ACCES ALEATOIRE MAGNETIQUE UTILISANT UN PROCEDE D'EXTRACTION DE DONNEES AME-LIORE



(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku Tokyo, 1088001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKIMURA, Noboru [JP/JP]; c/o NEC CORPORATION 7-1, Shiba 5-chome Minato-ku Tokyo, 1088001 (JP). HONDA, Takeshi [JP/JP]; c/o NEC CORPORATION 7-1, Shiba 5-chome Minato-ku Tokyo, 1088001 (JP). SUGIBAYASHI, Tadahiko [JP/JP]; c/o NEC CORPORATION 7-1, Shiba 5-chome Minato-ku Tokyo, 1088001 (JP).

(74) KUDO, Minoru; 6F, KADOYA BLDG. 24-10, Minamiooi 6-chome, Shinagawa-ku Tokyo, 1400013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11C 11/4063

(11) WO 2004/095465 (13) A1

(21) PCT/JP2003/005201

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR MEMORY

• MEMOIRE A SEMI-CONDUCTEURS

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
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(72, 75) SHIROTA, Akinobu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KAWABATA, Kuninori [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11C 11/4063, 8/04

(11) WO 2004/095466 (13) A1

(21) PCT/JP2003/005203

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR MEMORY

• MEMOIRE SEMI-CONDUCTRICE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKITA, Masato [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KAWABATA, Kuninori [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) CN JP US.

(51)<sup>7</sup> G11C 11/4063

(11) WO 2004/095467 (13) A1

(21) PCT/JP2003/005285

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR MEMORY

• MEMOIRE A SEMI-CONDUCTEURS

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUZAKI, Yasurou [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) FURUYA, Fumio; Dai2 Meiho Bldg., 9th Floor, 19-5, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> G11C 11/407

(11) WO 2004/095468 (13) A1

(21) PCT/JP2003/005204

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR DEVICE

• DISPOSITIF SEMI-CONDUCTEUR

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IKEDA, Toshimi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KAWABATA, Kuninori [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). OTSUKA, Shuzo [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) CN JP US.

(51)<sup>7</sup> G11C 11/56, 16/04

(11) WO 2004/095469 (13) A1

(21) PCT/US2004/007026

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/413,800 15 Apr/avr 2003 US (15.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF PROGRAMMING DUAL CELL MEMORY DEVICE TO STORE MULTIPLE DATA STATES PER CELL

• PROCEDE POUR PROGRAMMER UN DISPOSITIF DE MEMOIRE A DOUBLE CELLULE AFIN DE STOCKER DE MULTIPLES ETATS DE DONNEES PAR CELLULE

(71) ADVANCED MICRO DIVICES, INC. [US/US]; One AMD Place, Mail stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMILTON, Darlene, G. [US/US]; 5824 Ponce Court, San Jose, CA 95118 (US). TANPAIROJ, Kulachet [US/US]; 948 Wing Place, Palo Alto, CA 94305 (US). HSIA, Edward [US/US]; 18723 Wood Dell Court, Saratoga, CA 95070 (US). HE, Yi [CN/US]; 3919 Riverbend Terrace, Fremont, CA 94555 (US).

(74) COLLOPY, Daniel, R.; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G11C 16/12

(11) WO 2004/095470 (13) A1

(21) PCT/JP2003/005280

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NONVOLATILE SEMICONDUCTOR MEMORY

• MEMOIRE NON VOLATILE DE SEMI-CONDUCTEUR

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMADA, Shigekazu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) FURUYA, Fumio; Dai2 Meiho Bldg., 9th Floor, 19-5, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN JP KR US.

(51)<sup>7</sup> G11C 29/00

(11) WO 2004/095471 (13) A1

(21) PCT/JP2003/005202

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR MEMORY

• MEMOIRE SEMI-CONDUCTRICE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIKUTAKE, Akira [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). ITO, Shigemasu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). KAWABATA, Kuninori [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) CN JP US.

(51)<sup>7</sup> G11C 29/00

(11) WO 2004/095472 (13) A1

(21) PCT/US2004/005336

(22) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 10/406,406 2 Apr/avr 2003 US (02.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF TESTING THE THIN OXIDE OF A SEMICONDUCTOR MEMORY CELL THAT USES BREAKDOWN VOLTAGE

• PROCEDE DE MISE A L'ESSAI D'UN OXYDE MINCE D'UNE CELLULE DE MEMOIRE A SEMI-CONDUCTEUR UTILISANT UNE TENSION DE RUP-TURE

(71) KILOPASS TECHNOLOGIES, INC. [US/US]; 1031 East Duane Avenue, Sunnyvale, CA 94085 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PENG, Jack, Zezhong [US/US]; 1539 Eddington Place, San Jose, CA 95129 (US). LUAN, Harry, Shengwen [CN/US]; 12140 Country Squire Lane, Saratoga, CA 95070 (US). WANG, Jianguo [CN/US]; 10217 Park Circle W., Cupertino, CA 95014 (US). LIU, Zhongshan [CN/US]; 8125 Haning Drive, Plano, TX 75025 (US). FONG, David [US/US]; 927 Bubba Road, Cupertino, CA 95014 (US). YE, Fei [US/US]; 10598 Sterling Blvd., Cupertino, CA 95014 (US).

(74) NG, Chun, M. et al. / etc.; Perkins Coie LLP, Patent - SEA, P.O. Box 1247, Seattle, WA 98111-1247 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> G21K 1/00, 5/08, H01J 27/24

(11) WO 2004/095473 (13) A1

(21) PCT/JP2004/005828

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-119029 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH-SPEED PARTICLE GENERATOR  
• GENERATEUR DE PARTICULES A GRANDE VITESSE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 4-1-8, Honcho, Kawaguchi-shi, Saitama, 3320012 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKAHASHI, Hironori [JP/JP]; 12, Hougawa-cho, Hamamatsu-shi, Shizuoka, 4300813 (JP). FUJIMOTO, Masatoshi [JP/JP]; 155-1, Kibune, Hamakita-shi, Shizuoka, 4340038 (JP). AOSHIMA,

Shin-ichiro [JP/JP]; 41-5, Kounodai, Iwata-shi, Shizuoka, 4380077 (JP).

(74) HASEGAWA, Yoshiaki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01B 1/06, H01M 10/36, C01B 17/22, 25/12, C03B 8/00, C04B 35/00

(11) WO 2004/095474 (13) A1

(21) PCT/JP2004/005914

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-120177 24 Apr/avr 2003 JP (24.04.2003)

(30) 2003-120176 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LITHIUM ION-CONDUCTIVE SULFIDE GLASS, PROCESS FOR PRODUCING GLASS CERAMIC, AND WHOLLY SOLID TYPE CELL MADE WITH THE GLASS CERAMIC

• VERRE DE SULFURE CONDUCTEUR D'IONS DE LITHIUM, PROCEDE DE PRODUCTION DE VITROCERAME, ET PILE ENTIEREMENT SOLIDE FABRIQUEE A PARTIR DU VITROCERAME

(71) IDEMITSU PETROCHEMICAL CO. LTD. [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku Tokyo, 1300015 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TATSUMISAGO, Masahiro [JP/JP]; 128-16, Omino, Sakai-shi, Osaka, 5998531 (JP).

(74) SEINO, Yoshikatsu [JP/JP]; 1-1, Ane-sakikaigan, Ichihara-shi, Chiba, 2990107 (JP). SHIRAKI, Yasushi [JP/JP]; 1-1, Shingu-cho, Shunan-shi, Yamaguchi, 7450843 (JP).

(74) OHTANI, Tamotsu et al. / etc.; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome., Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01B 7/08, 7/04  
(11) WO 2004/095475 (13) A2  
(21) PCT/US2004/011364  
(22) 13 Apr/avr 2004 (13.04.2004)  
(25) en (26) en  
(30) 60/464,818 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • CONTROL LINE PROTECTOR  
• PROTECTEUR POUR LIGNE DE COMMANDE

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) MOREIRA, Oswaldo, M.; 7447 Cambridge Street, No. 114, Houston, TX 77054 (US). JONES, Kevin, R.; Green Lodge Westwood Road, Windlesham, Surrey GU20 6LP (GB).

(74) CARSON, Matt et al. / etc.; 9100 Emmott Road, Houston, TX 77040 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01B 13/00, 1/22, H01G 4/12  
(11) WO 2004/095476 (13) A1  
(21) PCT/JP2004/005411  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) ja (26) ja  
(30) 2003-118992 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • NICKEL POWDER DISPERSION, METHOD FOR PREPARING SAME, AND METHOD FOR PREPARING CONDUCTIVE PASTE USING SUCH POWDER DISPERSION

• DISPERSION DE POUDRE DE NICKEL, SON PROCÉDE DE PRÉPARATION ET PROCÉDE DE PRÉPARATION D'UNE PÂTE CONDUCTRICE UTILISANT CETTE DISPERSION DE POUDRE DE NICKEL

(71) TOHO TITANIUM CO. LTD. [JP/JP]; 3-5, Chigasaki 3-chome, Chigasaki-shi, Kanagawa, 2538510 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AOKI, Toshihiro [JP/JP]; c/o TOHO TITANIUM CO., LTD., 3-5, Chigasaki

3-chome, Chigasaki-shi, Kanagawa, 2538510 (JP). SATO, Yukiya [JP/JP]; c/o TOHO TITANIUM CO., LTD., 3-5, Chigasaki 3-chome, Chigasaki-shi, Kanagawa, 2538510 (JP).

(74) SUENARI, Mikio; Asaco Kyobashi Building 3rd floor, 6-13, Kyobashi1-chome, Chuo-ku, Tokyo, 1040031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01G  
(11) WO 2004/095477 (13) A2  
(21) PCT/US2004/012549

(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 10/420,329 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH-PERFORMANCE ELECTROSTATIC CLAMP COMPRISING A RESISTIVE LAYER, MICRO-GROOVES, AND DIELECTRIC LAYER

• BRIDE ELECTROSTATIQUE HAUTE PERFORMANCE COMPRENANT UNE COUCHE RESISTANTE, DES MICRO-RAINURES ET UNE COUCHE DIELECTRIQUE

(71) AXCELIS TECHNOLOGIES INC. [US/US]; 108 Cherry Hill Drive, Beverly, MA 01915 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KELLERMAN, Peter [US/US]; 94 John Wise Avenue, Essex, MA 01929 (US). BENVENISTE, Victor [US/US]; 8 Harbor Heights, Gloucester, MA 01930 (US). PHARRAND, Michel [CA/US]; 17 Belmont Drive, Chelmsford, MA 01824 (US). STONE, Dale [US/US]; 19 Williams Road, Lynnfield, MA 01940 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01G 4/12, 4/30  
(11) WO 2004/095478 (13) A1  
(21) PCT/JP2004/005199  
(22) 12 Apr/avr 2004 (12.04.2004)  
(25) ja (26) ja  
(30) 2003-113833 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR MANUFACTURING MULTILAYER UNIT FOR MULTILAYER ELECTRONIC COMPONENT  
• PROCÉDE PERMETTANT DE PRODUIRE UN MATERIAU FINI MULTICOUCHE POUR UN COMPOSANT ELECTRONIQUE MULTICOUCHE.

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUROSAWA, Syougo [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). SATO, Shigeki [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). KANASUGI, Masaaki [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) OISHI, Koichi et al. / etc.; Yusen-Awajicho Building, 8th Floor, 4-1, Kandaawajicho 1-chome, Chiyoda-ku, Tokyo 101-0063 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01G 4/12, 4/30  
(11) WO 2004/095479 (13) A1  
(21) PCT/JP2004/005200  
(22) 12 Apr/avr 2004 (12.04.2004)  
(25) ja (26) ja  
(30) 2003/113832 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR MANUFACTURING MULTILAYER UNIT FOR MULTILAYER ELECTRONIC COMPONENT  
• PROCÉDE DE FABRICATION D'UNE UNITE MULTICOUCHE POUR UN COMPOSANT ELECTRONIQUE MULTICOUCHE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MUROSAWA, Shogo [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). SATO, Shigeki

- [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). **KANASUGI, Masaaki** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
- (74) **OISHI, Koichi** et al. / etc.; 8th Floor, Yusen-Awajicho Building, 4-1, Kandaawajicho 1-chome, Chiyoda-ku, Tokyo 101-0063 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01G 9/058  
(11) WO 2004/095480 (13) A1  
(21) PCT/JP2004/005795  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) ja (26) ja  
(30) 2003-119017 23 Apr/avr 2003 JP (23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR PRODUCING ELECTRODE FOR ELECTROCHEMICAL CAPACITOR, METHOD FOR PRODUCING ELECTROCHEMICAL CAPACITOR, AND POROUS PARTICLE WITH SOLVENT USED IN SUCH METHODS  
• PROCEDE DE PRODUCTION D'UNE ELECTRODE POUR CONDENSATEUR ELECTROCHIMIQUE, PROCEDE DE PRODUCTION D'UN CONDENSATEUR ELECTROCHIMIQUE ET PARTICULE POREUSE AVEC SOLVANT UTILISEE DANS LESDITS PROCEDES
- (71) **TDK CORPORATION** [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MIYAKI, Yousuke** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP). **TAKAHASHI, Tetsuya** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP). **KOSUDA, Atsuko** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).
- (74) **HASEGAWA, Yoshiki** et al. / etc.; Soei Patent And Law Firm, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H01G 9/20, C01G 23/053  
(11) WO 2004/095481 (13) A1  
(21) PCT/GR2004/000023  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 20030100186 21 Apr/avr 2003 GR (21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PHOTOELECTROCHEMICAL SOLAR CELL MADE FROM NANOCOMPOSITE ORGANIC-INORGANIC MATERIALS  
• CELLULE SOLAIRE PHOTOELECTROCHIMIQUE FABRIQUEE A PARTIR DE MATERIAUX ORGANIQUES-INORGANIQUES NANOCOMPOSITES
- (71, 72) **LIANOS, Panagiotis** [GR/GR]; Telou Agra 18, GR-264 42 Patras (GR). **STATHATOS, Elias** [GR/GR]; Sossipatrou 37, GR-262 22 Patras (GR).
- (72) **OREL, Boris**; Pod Kostanjini 46, 1001 Ljubljana (SI).
- (74) **ARGYRIADIS, Korinna**; 14 Sina Street, GR-106 72 Athens (GR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H01H  
(11) WO 2004/095483 (13) A2  
(21) PCT/US2004/000972  
(22) 15 Jan/jan 2004 (15.01.2004)  
(25) en (26) en  
(30) 10/413,058 14 Apr/avr 2003 US (14.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • WETTING FINGER LATCHING PIEZOELECTRIC RELAY  
• RELAIS PIEZOELECTRIQUE A DE-TENTE DE MOUILLAGE
- (71) **AGILENT TECHNOLOGIES, INC.** [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).
- (72) **WONG, Marvin, Glenn**; 93 Honey Hill Lane, Woodland Park, CO 80863 (US). **CARSON, Paul, Thomas**; 5450 Kates Drive, Colorado Springs, CO 80919 (US).
- (74) **WAY, Kyle, J.**; Intellectual Property Administration, MS: DL-429, Agilent Technologies, Inc., P.O. Box 7599, Loveland, CO 80537-0599 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)*
- 
- (51)<sup>7</sup> H01H  
(11) WO 2004/095482 (13) A2  
(21) PCT/US2004/002521  
(22) 30 Jan/jan 2004 (30.01.2004)  
(25) en (26) en  
(30) 10/414,343 14 Apr/avr 2003 US (14.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BENT SWITCHING FLUID CAVITY  
• CAVITE DE FLUIDE DE COMMUTATION COURBEE
- (71) **AGILENT TECHNOLOGIES, INC.** [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> H01H

(11) WO 2004/095484 (13) A2

(21) PCT/US2004/000984

(22) 15 Jan/jan 2004 (15.01.2004)

(25) en (26) en

(30) 10/414,130 14 Apr/avr 2003 US  
(14.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REDUCING OXIDES ON A SWITCH-  
ING FLUID IN A FLUID-BASED  
SWITCH  
• REDUCTION D'OXYDES SUR FLUIDE  
DE COMMUTATION DANS UN COM-  
MUTATEUR A BASE DE FLUIDE

(71) AGILENT TECHNOLOGIES, INC.  
[US/US]; 395 Page Mill Road, Palo Alto, CA  
94306 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72) WONG, Marvin, Glenn; 93 Honey Hill  
Lane, Woodland park, CO 80863 (US).  
LINDSEY, John, Ralph; 5085 Cliff Point  
Circle East, Colorado Springs, CO 80919  
(US).

(74) WAY, Kyle, J.; Intellectual Property Admin-  
istration, MS: DL-429, Agilent Technologies,  
Inc., P.O. Box 7599, Loveland, CO 80537-  
0599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> H01H 1/02

(11) WO 2004/095485 (13) A1

(21) PCT/EP2004/004153

(22) 19 Apr/avr 2004 (19.04.2004)

(25) de (26) de

(30) 103 18 223.3 22 Apr/avr 2003 DE  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTACT PIECE MADE OF TUNG-  
STEN PROVIDED WITH A CORRO-  
SION-RESISTANT LAYER MADE OF  
A BASE METAL  
• PLOT DE CONTACT EN TUNGSTENE  
POURVU D'UNE COUCHE ANTICOR-  
ROSIVE EN METAL COMMUN

(71) LOUIS RENNER GMBH [DE/DE];  
Schützenstrasse 7, 85221 Dachau (DE).  
FER FAHRZEUGELEKTRIK GMBH  
[DE/DE]; Gewerbegebiet Stockhausen,  
99817 Eisenach (DE).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) RENNER, Gerhard [DE/DE];  
Uldinger Strasse 19, 85221 Dachau (DE).  
SIEFKEN, Udo [DE/DE]; Maxrainstrasse  
6, 81543 München (DE). MÜLLER, Martin  
[DE/DE]; Knaudstrasse 26, 99842 Ruhla  
(DE).

(74) VOSSIUS & PARTNER; Siebertstrasse 4,  
81675 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01H 3/14

(11) WO 2004/095486 (13) A1

(21) PCT/DE2004/000765

(22) 14 Apr/avr 2004 (14.04.2004)

(25) de (26) de

(30) 103 18 319.1 19 Apr/avr 2003 DE  
(19.04.2003)

(30) 103 22 866.7 21 May/mai 2003 DE  
(21.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SAFETY STRIP FOR A STRIKING  
EDGE SAFETY DEVICE OR CLOSING  
EDGE SAFETY DEVICE  
• BAGUETTE DE SECURITE POUR DIS-  
POSITIF DE SECURITE AGISSANT EN  
PRESENCE D'OBSTACLES OU LORS  
D'UNE FERMETURE

(71, 72) HAAKE, André [DE/DE]; Drossel-  
stiege 28, 48703 Stadtlohn (DE). HAAKE,  
Oliver [DE/DE]; Bunings Weide 37, 48703  
Stadtlohn (DE). HAAKE, Patrick [DE/DE];  
Wüllener Strasse 92, 48691 Vreden (DE).

(74) HABEL & HABEL; Am Kanonengraben  
11, 48151 Münster (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01H 13/64, 35/00, 36/00

(11) WO 2004/095487 (13) A1

(21) PCT/JP2004/005609

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-115796 21 Apr/avr 2003 JP  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • 3-POSITION ENABLE DEVICE  
• DISPOSITIF D'ACTIVATION A TROIS  
POSITIONS

(71) IDEC IZUMI CORPORATION [JP/JP];  
1-7-31, Nishimiyahara Yodogawa-ku, Os-  
aka-shi, Osaka 5328550 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) OKAMOTO, Akihito [JP/JP]; c/o Idec  
Izumi Corporation 1-7-31, Nishimiyahara,  
Yodogawa-ku, Osaka-shi, Osaka 5328550  
(JP).

(74) KOMORI, Hisao et al. / etc.; 1-4-34, Non-  
inbashi, Chuo-ku, Osaka-shi, Osaka 5400011  
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01H 13/70

(11) WO 2004/095488 (13) A1

(21) PCT/US2004/012419

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,483 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-LAYER SOLID STATE KEY-BOARD

• CLAVIER A SEMI-CONDUCTEUR MULTICOUCHE

(71) TOUCHSENSOR TECHNOLOGIES, LLC [US/US]; 203 North Gables Boulevard, Wheaton, IL 60187 (US).

(72) SCHAEFER, William, David; 2121 Finsbury Lane, Grand Rapids, MI 49504 (US).

(74) VRLA, Mark, P.; Jenner & Block, LLP, One IBM Plaza, Chicago, IL 60611 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01H 29/04, H01L 41/08

(11) WO 2004/095489 (13) A1

(21) PCT/US2004/001005

(22) 15 Jan/jan 2004 (15.01.2004)

(25) en (26) en

(30) 10/413,187 14 Apr/avr 2003 US (14.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INSERTING-FINGER LIQUID METAL RELAY

• RELAIS METALLIQUE LIQUIDE A DOIGT D'INSERTION

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).

(72) CARSON, Paul, Thomas; 5450 Kates Drive, Colorado Springs, CO 80919 (US). WONG, Marvin, Glenn; 93 Honey Hill Lane, Woodland Park, CO 80863 (US).

(74) WAY, Kyle, J.; Intellectual Property Administration, MS: DL-429, Agilent Technologies, Inc., P.O. Box 7599, Loveland, CO 80537-0599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01H 59/00

(11) WO 2004/095490 (13) A1

(21) PCT/US2004/005832

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/403,738 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BUMP STYLE MEMS SWITCH

• COMMUTATEUR A MEMS DU TYPE A BOSSE

(71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) BAR, Hanan; 12/5 Hagdud Hahamishi, Jerusalem, 97533 (IL).

(74) TROP, Timothy, N.; Trop, Pruner & Hu, P.C., 8554 Katy Freeway, Ste. 100, Houston, TX 77024 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01H 85/00

(11) WO 2004/095491 (13) A2

(21) PCT/US2004/008017

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/457,245 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PRESSURE RELIEF FOR CURRENT LIMITER

• DISPOSITIF DE DECOMPRESSION POUR LIMITEUR DE COURANT

(63) US 60/457,245 (CON) 25 Mar/mar 2003 (25.03.2003)

(71) S & C ELECTRIC COMPANY [US/US]; 6601 N. Ridge Boulevard, Chicago, IL 60626 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BORCHARDT, Glenn, R. [US/US]; 2224 N. Aster Place, Round Lake Beach, IL 60073 (US).

(74) LAPACEK, James, V.; S & C Electric Company, 6601 N. Ridge Boulevard, Chicago, IL 60626 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW

GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> H01J  
(11) WO 2004/095492 (13) A2  
(21) PCT/FR2004/000911  
(22) 14 Apr/avr 2004 (14.04.2004)  
(25) fr (26) fr  
(30) 03/04897 19 Apr/avr 2003 FR  
(19.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • FLEXIBLE SCREEN COMPRISING CATHODIC MICROTUBES  
• ECRAN FLEXIBLE A MICROTUBES CATHODIQUES

(71) SOCIETE INANOV [FR/FR]; 2, rue Cazotte, F-75018 Paris (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FAVREAU, Jean-Christien [FR/FR]; 2, rue Cazotte, F-75018 Paris (FR). PEYRE, Jean-François [FR/FR]; 11, rue Ribas, F-13790 Roussset (FR). MAUGER, Matthieu [FR/FR]; 2, rue Galilée, F-69100 Villeurbanne (FR).

(74) CABINET ARGOS INNOVATION & ASSOCIES et al. / etc.; 55, rue Aristide Briand, F-93300 Levallois Perret Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J  
(11) WO 2004/095493 (13) A2  
(21) PCT/US2004/011926  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) en (26) en  
(30) 60/463,883 21 Apr/avr 2003 US  
(21.04.2003)  
(30) 10/823,288 13 Apr/avr 2004 US  
(13.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHODS AND DEVICES USING HIGH EFFICIENCY ALKALINE EARTH METAL THIOGALLATE-BASED PHOSPHORS  
• PROCEDES ET DISPOSITIFS UTILISANT DES LUMINOPHORES TRES EFFICACES A BASE DE THIOGALLATE DE METAUX ALCALINO-TERRÉUX

(71) SARNOFF CORPORATION [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US). STANLEY ELECTRIC CO., LTD. [JP/JP]; 2-9-13, Nakameguro, Meguro-ku, Tokyo 153-8636 (JP).  
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(72) TIAN, Yongchi; 3 Heath Court, Princeton, NJ 08540 (US). ZAREMBA, Diane; 244 Wyandotte Road, Fairless Hills, PA 19030 (US). YOCOM, Perry, Niel; 83 Dispatch Drive, Washington Crossing, PA 18977 (US).

(74) JACKSON, Arthur, E. et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 07543-5300 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J 1/304, 9/02, 31/12, 29/04  
(11) WO 2004/095494 (13) A1  
(21) PCT/JP2004/005703  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) ja (26) ja  
(30) 2003-116841 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTRON-EMITTING MATERIAL, ITS PRODUCING METHOD, ELECTRON-EMITTING DEVICE USING SAME, AND IMAGE DRAWING DEVICE  
• MATERIAU EMETTEUR D'ELECTRONS, SON PROCEDE DE PRODUCTION DISPOSITIF EMETTEUR D'ELECTRONS L'UTILISANT ET DISPOSITIF DESSINATEUR D'IMAGES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIBATA, Motoshi [JP/JP]; 6-708-1-107, Gakuendaiva-cho, Nara-shi, Nara, 6310041 (JP). DEGUCHI, Masahiro [JP/JP]; 20-11-502, Higashinakaburi 1-chome, Hirakata-shi, Osaka, 5730093 (JP). TAOMOTO, Akira [JP/JP]; 2-31, Takigikuwanoki, Kyotanabe-shi, Kyoto, 6100341 (JP). OZAKI, Toyokazu [JP/JP]; 1-8-3-202, Tomiomotomachi, Nara-shi, Nara, 6310078 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka, 5410045 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01J 9/02, 11/02  
(11) WO 2004/095495 (13) A1  
(21) PCT/JP2004/002170  
(22) 25 Feb/fév 2004 (25.02.2004)  
(25) ja (26) ja  
(30) 2003-119490 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • INORGANIC PARTICLE CONTAINING COMPOSITION FOR PLASMA DISPLAY PANEL, TRANSFER FILM AND PROCESS FOR PRODUCING PLASMA DISPLAY PANEL  
• COMPOSITION CONTENANT DES PARTICULES INORGANIQUES POUR PANNEAU D'AFFICHAGE A PLASMA, FILM DE TRANSFERT ET PROCEDE POUR PRODUIRE UN PANNEAU D'AFFICHAGE A PLASMA

(71) JSR CORPORATION [JP/JP]; 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8410 (JP).  
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(72, 75) KAWAGISHI, Seiji [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8410 (JP). YAMASHITA, Takanori [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8410 (JP). ITOH, Katsumi [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8410 (JP). INOUE, Yasutake [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8410 (JP).

(74) MIYAKOSHI, Noriaki; Shin-ei Patent Office, 12th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J 11/02, 9/02

(11) WO 2004/095496 (13) A1

(21) PCT/JP2004/005686

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-116876 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLASMA DISPLAY PANEL AND METHOD FOR PRODUCING SAME  
• ECRAN A PLASMA ET SON PROCÉDE DE FABRICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AOKI, MasakiKONDO, YumiSUGIMOTO, KazuhikoSETOGUCHI, HiroshiHIBINO, JunichiTANAKA, YoshikiHOSOKAWA, Teppei

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J 37/00

(11) WO 2004/095497 (13) A2

(21) PCT/US2004/010724

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/249,595 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH-DENSITY PLASMA SOURCE  
• SOURCE DE PLASMA HAUTE DENSITE

(71) ZOND, INC. [US/US]; 137A High Street, Mansfield, Massachusetts 02048 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHISTYAKOV, Roman [US/US]; 137A High Street, Mansfield, Massachusetts 02048 (US).

(74) RAUSCHENBACH, Kurt; P.O. Box 387, Bedford, MA 01730 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J 37/00

(11) WO 2004/095498 (13) A2

(21) PCT/US2004/010968

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/249,595 22 Apr/avr 2003 US (22.04.2003)

(30) 10/249,844 12 May/mai 2003 US (12.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH-DENSITY PLASMA SOURCE USING EXCITED ATOMS  
• SOURCE DE PLASMA A DENSITE ELEVEE EMPLOYANT DES ATOMES EXCITES

(71) ZOND, INC [US/US]; 137A High Street, Mansfield, Massachusetts 02048 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHISTYAKOV, Roman [US/US]; 137A High Street, Mansfield, Massachusetts 02048 (US).

(74) RAUSCHENBACH, Kurt; P.O. BOX 387, Bedford, Massachusetts 07130 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J 37/00

(11) WO 2004/095499 (13) A2

(21) PCT/US2004/011183

(22) 12 Apr/avr 2004 (12.04.2004)

(25) en (26) en

(30) 10/417,408 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TOROIDAL LOW-FIELD REACTIVE GAS AND PLASMA SOURCE HAVING A DIELECTRIC VACUUM VESSEL

• GAZ REACTIF A FAIBLE CHAMP TOROIDAL ET SOURCE DE PLASMA A RECIPIENT DIELECTRIQUE SOUS VIDE

(71) APPLIED SCIENCE & TECHNOLOGY, INC. [US/US]; 90 Industrial Way, Wilmington, MA 01887-4610 (US).

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(72, 75) HOLBER, William, M. [US/US]; 126 Church Street, Winchester, MA 01890 (US).  
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COWE, Andrew, B. [US/US]; 3 Beech Circle, Andover, MA 01810 (US).  
BESEN, Matthew, M. [US/US]; 9 Forbes Lane, Andover, MA 01810 (US).  
COLLINS, Jr, Ronald, W. [US/US]; 9 B Blackberry Road, Derry, New Hampshire 03038 (US).  
TRULLI, Susan, C. [US/US]; 52 Middle Street, Lexington, MA 02421 (US).  
SHAO, Shouqian [US/US]; 32 Irving Street, Winchester, MA 01890 (US).

(74) CAPRARO, Jr. Joseph, A.; One International Place 14 Floor, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01J 37/00

(11) WO 2004/095500 (13) A2

(21) PCT/US2004/011553

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/419,035 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VACUUM CHAMBER WITH RECESSED VIEWING TUBE AND IMAGING DEVICE SITUATED THEREIN

• CHAMBRE A VIDE AYANT UN TUBE D'OBSERVATION ENCASTRE ET ABRITANT UN DISPOSITIF D'IMAGERIE

(71) IMAGO SCIENTIFIC INSTRUMENTS [US/US]; 6300 Enterprise Lane, Madison, WI 53719 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STRAIT, David, Robert [US/US]; 5907 Shumann Drive, Madison, WI 53711 (US).

(74) FIESCHKO, Craig, A. et al. / etc.; DeWitt Ross & Stevens S.C., Suite 401, 8000 Excelsior Drive, Madison, WI 53717-1914 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG



MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01J 37/00

(11) WO 2004/095501 (13) A2

(21) PCT/US2004/011554

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 60/464,755 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOLYBDENUM ALLOY X-RAY TAR-  
GETS HAVING UNIFORM GRAIN  
STRUCTURE

• CIBLES DE RAYONS X EN AL-  
LIAGE DE MOLYBDENE AYANT UNE  
STRUCTURE A GRAINS UNIFORME

(71) H.C. STARCK INC.; 45 Industrial Place,  
Newton, MA 02461 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DAILY, James [US/US]; 844 N. Wooded  
Lane, Marshall, MI 49068 (US). LEMON,  
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(US). GILLE, Gerhard [DE/DE]; Am  
Stollen 3, 38640 Goslar (DE).

(74) AKORLI, Godfried, R. et al. / etc.; Bayer  
Chemicals Corporation, Patent Department,  
100 Bayer Road, Pittsburgh, PA 15205-9741  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01J 37/00

(11) WO 2004/095502 (13) A2

(21) PCT/US2004/001406

(22) 21 Jan/jan 2004 (21.01.2004)

(25) en (26) en

(30) 60/458,432 31 Mar/mar 2003 US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PLASMA PROCESSING SYSTEM AND  
METHOD

• SYSTEME ET PROCEDE DE TRAITE-  
MENT AU PLASMA

(71) TOKYO ELECTRON LIMITED [JP/JP];  
TBS Broadcast Center, 3-6, Akasaka  
5-Chome, Minato-ku, Tokyo 107 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) FINK, Steven, T. [US/US]; 4609 E.  
Gable Circle, Mesa, AZ 85206 (US). MO-  
ROZ, Paul [US/US]; 24 Taft Street, Mar-  
blehead, MA 01945 (US). STRANG, Eric,  
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AZ 85044 (US).

(74) LAZAR, Dale, S. et al. / etc.; Pillsbury  
Winthrop LLP, P.O. Box 10500, McLean, VA  
22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> H01J 61/56

(11) WO 2004/095503 (13) A2

(21) PCT/IB2004/050471

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 03101097.8 22 Apr/avr 2003 EP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ASSEMBLY OF A FLUORESCENT  
LAMP AND AN EXTENSION MEANS

• ENSEMBLE CONSTITUE D'UNE  
LAMPE FLUORESCENTE ET D'UN  
MOYEN D'EXTENSION

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NELSON, Gregory, J. [US/TH]; c/o  
Prof. Holstlaan 6, NL-5656 AA Eindhoven  
(NL). JIRAVORAPATE, Taworn [TH/TH];  
c/o Prof. Holstlaan 6, NL-5656 AA Eindh-  
hoven (NL).

(74) VAN WERMESKERKEN, Stephanie, C.;  
Prof. Holstlaan 6, NL-5656 AA Eindhoven  
(NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> H01K 1/00

(11) WO 2004/095504 (13) A2

(21) PCT/IB2004/001203

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 03290991.3 23 Apr/avr 2003 EP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LAMP FOR HEATING

• LAMPE DESTINEE AU CHAUFFAGE

(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).

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les États désignés sauf US)

(72, 75) BONNIN, Michelle [FR/FR]; c/o So-  
ciété Civile SPID, 156 Boulevard Hauss-  
mann, F-75008 Paris (FR). CHEHU, Syl-  
vain [FR/FR]; c/o Société Civile SPID,  
156 Boulevard Haussmann, F-75008 Paris  
(FR). FREY, Jean-Jacques [FR/FR]; c/o  
Société Civile SPID, 156 Boulevard Hauss-  
mann, F-75008 Paris (FR). MARTINACHE,  
Jérôme [FR/FR]; c/o Société Civile SPID,  
156 Boulevard Haussmann, F-75008 Paris  
(FR). POIRSON, Philippe [FR/FR]; c/o  
Société Civile SPID, 156 Boulevard Hauss-  
mann, F-75008 Paris (FR).

(74) CHAFFRAIX, Jean; Société Civile SPID,  
156 Boulevard Haussmann, F-75008 Paris  
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01K 1/00

(11) WO 2004/095505 (13) A2

(21) PCT/IB2004/050483

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03101111.7 23 Apr/avr 2003 EP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTRIC LAMP AND LAMP BASE  
• LAMPE ELECTRIQUE ET CULOT DE LAMPE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANDERS, Renatus, H., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). WEHRENS, Roger, M., H., G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PLAWSKI, Wiktor, K. [PL/PL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) PET, Robert, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG

ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01K 1/32

(11) WO 2004/095506 (13) A2

(21) PCT/DE2004/000723

(22) 6 Apr/avr 2004 (06.04.2004)

(25) de (26) de

(30) 103 18 051.6 17 Apr/avr 2003 DE (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HALOGEN INCANDESCENT LAMP  
• LAMPE A INCANDESCENCE HALOGENE

(71) PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH [DE/DE]; Hellabrunner Str. 1, 81543 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDORFER, Wolfgang [DE/DE]; Limes Str. 8, 81243 München (DE). BUNK, Axel [DE/DE]; Höglwörther Str. 382b, 81379 München (DE). GLÖCKLER, Frank [DE/DE]; Am Wasserturm 11, 85132 Schernfeld (DE). KRIEGLMEYER, Christoph [DE/DE]; Ingolstädter Str. 3, 85122 Hitzhofen (DE).

(74) PATENT-TREUHAND-GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH; Postfach 22 16 34, 81543 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095507 (13) A2

(21) PCT/CA2004/000594

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/464,662 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LIGHT-EMITTING DEVICES WITH AN EMBEDDED CHARGE INJECTION ELECTRODE

• DISPOSITIFS EMETTEURS DE LUMIERE AYANT UNE ELECTRODE D'INJECTION DE CHARGE ENROBEE

(71, 72) LU, Zheng-Hong [CA/CA]; 556 Davisville Avenue, Toronto, Ontario M4S 1J5 (CA). FENG, Xiaodong [CN/CA]; 12

Hickory Street, Toronto, Ontario M5T 2P1 (CA).

(74) HILL & SCHUMACHER; 87 Falcon Street, Toronto, Ontario M4S2P4 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095508 (13) A2

(21) PCT/US2003/040468

(22) 18 Dec/déc 2003 (18.12.2003)

(25) en (26) en

(30) 10/329,907 26 Dec/déc 2002 US (26.12.2002)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MESO-MICROELECTROMECHANICAL SYSTEM PACKAGE  
• EMBALLAGE DE SYSTEME MESO-MICROELECTROMECHANIQUE

(71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) ELIACIN, Manes; 264 Appletree Court, Buffalo Grove, IL 60089 (US). KLOSOWIAK, Tomasz; 308 Greenfield Drive, Glenview, IL 60025 (US). LEMP-KOWSKI, Robert; 45 Clearmont Drive, Elk Grove, IL 60007 (US). LIAN, Ke; 381 S. Crown Court, Palatine, IL 60074 (US).

(74) NICHOLS, Daniel K., et al. / etc.; MOTOROLA, INC., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095509 (13) A2

(21) PCT/US2004/001023

(22) 15 Jan/jan 2004 (15.01.2004)

(25) en (26) en

(30) 10/414,128 **14 Apr/avr 2003** US  
(14.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUBSTRATE WITH LIQUID ELECTRODE  
• SUBSTRAT A ELECTRODE LIQUIDE

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) DOVE, Lewis, R.; 19855 East Top O the Moor Drive, Monument, CO 80132 (US). WONG, Marvin, Glenn; 93 Honey Hill Lane, Woodland Park, CO 80863 (US). SAITO, Mitsuchika; 48-1-4-1 Shimosakunobe Takatsu-ku, Kawasaki-shi Kanagawa (JP).

(74) WAY, Kyle, J.; Intellectual Property Administration, MS: DL-429, Agilent Technologies, Inc., P.O. Box 7599, Loveland, CO 80537-0599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01L

(11) WO 2004/095510 (13) A2

(21) PCT/US2004/010443

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/463,758 **17 Apr/avr 2003** US  
(17.04.2003)

(30) 10/648,884 **27 Aug/août 2003** US  
(27.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTILAYERED CAP BARRIER IN MICROELECTRONIC, INTERCONNECT STRUCTURES

• BARRIERE MULTICOUCHE A FONCTION DE COIFFE DANS DES STRUCTURES D'INTERCONNEXION MICROELECTRONIQUES

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEDRICK, Jeffrey, C. [US/US]; 5 Hope Street, Montvale, NJ 07645 (US). HUANG, Elbert, E. [US/US]; 21 Church Street, Tarrytown, NY 10591 (US).

(74) GROLZ, Edward, W.; Scully, Scott, Murphy & Presser, 400 Garden City Plaza, Garden City, NY 11530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H01L

(11) WO 2004/095511 (13) A2

(21) PCT/US2004/010776

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/420,616 **22 Apr/avr 2003** US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ORGANIC SEMICONDUCTOR PRODUCT STATE MONITOR

• CONTROLEUR D'ETAT DE PRODUIT A SEMICONDUCTEUR ORGANIQUE

(71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADEWOLE, Hakeem, [US/US]; 515 Eagle Court, Schaumburg, IL 60194 (US). BRAZIS, Paul, [US/US]; 11 West Ellington Court, South Elgin, IL 60067 (US). GAMOTA, Daniel, [US/US]; 1137 Parkside Drive, Palatine, IL 60067 (US). ZHANG, Jie, [US/US]; 2481 Apple Hill Lane, Buffalo Grove, IL 60089 (US).

(74) NICHOLS, Daniel, K. et al. / etc.; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095512 (13) A2

(21) PCT/US2004/011527

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 10/417,443 **16 Apr/avr 2003** US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SAMPLE AND HOLD CIRCUITS AND METHODS WITH OFFSET ERROR CORRECTION AND SYSTEMS USING THE SAME

• ECHANTILLONNEURS-BLOQUEURS A CORRECTION D'ERREUR DE DECALAGE, PROCÉDES CORRESPONDANTS, ET SYSTEMES Y FAISANT APPEL

(71) CIRRUS LOGIC, INC. [US/US]; Legal Department, 2901 Via Fortuna, Austin, TX 78746 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PRASAD, Ammisetti, V. [IN/US]; 4800 Monterey Oaks Blvd., No. 617, Austin, TX 78749 (US). THOMPSON, Karl [US/US]; 9934 Autumn Dawn, Converse, TX 78109 (US). MELANSON, John, Laurence [US/US]; 901 West 9th Street, Apt. 201, Austin, TX 78703 (US). SOMAYAJULA, Shyam [IN/US]; 1505 Chasewood Drive, Austin, TX 78727 (US).

(74) MURPHY, James, J. et al. / etc.; Thompson & Knight LLP, 1700 Pacific Avenue, Suite 3300, Dallas, TX 75201-4693 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H01L

(11) WO 2004/095513 (13) A2

(21) PCT/US2004/011865

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/421,224 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD FOR PLASMA DEPOSITION OF A SUBSTRATE BARRIER LAYER  
• PROCEDE DE DEPOT EN PHASE VAPEUR ACTIVE PAR PLASMA D'UNE COUCHE D'ARRET DE SUBSTRAT

(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHANG, Du [CN/US]; 10137 Cassandra Drive, Austin, TX 78717 (US). DENNING, Dean, J. [US/US]; 12007 Pearce Lane, Del Valle, TX 78617 (US). VENTZEK, Peter, L. G. [US/US]; 10843 Redmond Road, Austin, TX 78739 (US).

(74) KING, Robert, L. et al. / etc.; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, TX 78729 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095514 (13) A2

(21) PCT/US2004/011871

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/418,790 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CIRCUIT DEVICE WITH AT LEAST PARTIAL PACKAGING AND METHOD FOR FORMING

• DISPOSITIF A CIRCUIT AU MOINS PARTIELLEMENT ENCAPSULE ET PROCEDE PERMETTANT DE FORMER CE DISPOSITIF A CIRCUIT

(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEAL, George [US/US]; 404 Paso Fino Cove, Cedar Park, Texas 78613 (US). ZHAO, Jie-Hua [CN/US]; 5325 Mabry Court, Austin, Texas 78749 (US). PRACK, Edward, R. [US/US]; 102 Indian Bend, Austin, Texas 78734 (US). WENZEL, Robert, J. [US/US]; 13337 Kingman Drive, Austin, Texas 78729 (US). SAWYER, Brian, D. [US/US]; 750 E. 2nd Avenue, Mesa, Arizona 85204 (US). WONTOR, David, G. [US/US]; 6104 Open Rage Trail, Austin, Texas 78749 (US). MANGRUM, Marc Alan [US/US]; 3800 Cattleman Drive, Manchaca, Texas 78652 (US).

(74) KING, Robert, L. et al. / etc.; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, Texas 78729 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095515 (13) A2

(21) PCT/US2004/011872

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/421,096 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS FOR CONTRACTING CONDUCTING LAYERS OVERLYING MAGNETOELECTRONIC ELEMENTS OF MRAM DEVICES

• PROCEDES PERMETTANT DE FORMATION DU CONTACT POUR LES

COUCHES CONDUCTRICES RECOUVRANT LES ELEMENTS MAGNETOELECTRONIQUES DANS LES DISPOSITIFS A MEMOIRE VIVE MAGNETIQUE

(71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US). WILLIAMS, Richard [US/US]; 1302 W. Roadrunner, Chandler, AZ 85248 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRYNKEWICH, Gregory, W. [US/US]; 1142 W. Peninsula Drive, Gilbert, AZ 85233 (US). BUTCHER, Brian, R. [US/US]; 2856 East Cathy Drive, Gilbert, AZ 85296 (US). DURLAM, Mark, A. [US/US]; 4076 West Orchid Lane, Chandler, AZ 85226 (US). KYLER, Kelly [US/US]; 8904 E. Minton Street, Mesa, AZ 85207 (US). SNYDER, Charles, A. [US/US]; 917 E. Betsy Lane, Gilbert, AZ 85296 (US). SMITH, Kenneth, H. [US/US]; 1331 W. Bartlett Way, Chandler, AZ 85248 (US). TRACY, Clarence, J. [US/US]; 2311 S. Butte Avenue, Tempe, AZ 85282 (US).

(74) KING, Robert, L. et al. / etc.; Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane, MD: TX32/PL02, Austin, TX 78729 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095516 (13) A2

(21) PCT/US2004/012348

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,290 21 Apr/avr 2003 US (21.04.2003)

(30) 60/469,691 12 May/mai 2003 US (12.05.2003)

(30) 60/470,933 15 May/mai 2003 US (15.05.2003)

(30) 60/472,581 22 May/mai 2003 US (22.05.2003)

(30) 60/475,292 2 Jun/juin 2003 US (02.06.2003)

(30) 60/477,480 10 Jun/juin 2003 US (10.06.2003)

(30) 60/516,891 3 Nov/nov 2003 US (03.11.2003)

(30) 60/541,432 3 Feb/fév 2004 US (03.02.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR POLISHING SEMICONDUCTOR WAFERS

USING ONE OR MORE POLISHING SURFACES

- APPAREIL ET PROCEDE DE POLISSAGE DE TRANCHES DE SEMI-CONDUCTEURS UTILISANT UNE OU PLUSIEURS SURFACES DE POLISSAGE

(71, 72) IN KWON, Jeong [KR/US]; 10697 Rosewood Road, #D, Cupertino, CA 95014 (US).

(for all designated States except / pour tous les États désignés sauf US)

(74) HAM, Thomas, H.; Wilson & Ham, PMB: 348, 2530 Berryessa Road, San Jose, CA 95132 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095517 (13) A2

(21) PCT/US2004/012349

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 10/422,201 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PASSIVATION LAYER FOR GROUP III-V SEMICONDUCTOR DEVICES

- COUCHE DE PASSIVATION DE DISPOSITIFS SEMI-CONDUCTEURS DES GROUPES III-V

(71) TRIQUINT SEMICONDUCTOR, INC. [US/US]; 2300 NE Brookwood Parkway, Hillsboro, OR 97124 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRUEGER, Martha, R. [US/US]; 501 Hunters Creek Court, Allen, TX 75013 (US). MACINNES, Andrew, N. [US/US]; 1423 Tartan Drive, Allen, TX 75013 (US).

(74) BEVER, HOFFMAN AND HARMS, LLP; 1432 Concannon Blvd., Building G, Livermore, CA 94550-6006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095518 (13) A2

(21) PCT/US2004/012377

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/421,245 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • THYRISTOR CIRCUIT PROVIDING OVERCURRENT PROTECTION TO A LOW IMPEDANCE LOAD

- CIRCUIT A THYRISTOR CONSTITUANT UNE PROTECTION CONTRE LES SURINTENSITES DE COURANT POUR UNE CHARGE A FAIBLE IMPEDANCE

(71) TECCOR ELECTRONICS, LP [US/US]; 1800 Hurd Drive, Irving, TX 75038 (US).

(72) CASEY, Kelly, C.; 2404 Columbia Drive, Flower Mound, TX 75028 (US).

(74) CHAUZA, Roger, N. et al. / etc.; Chauza & Handley, LLP, P.O. Box 140036, Irving, TX 75014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095519 (13) A2

(21) PCT/US2004/012634

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,763 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM FOR COUPLING WAVEGUIDES

- PROCEDE ET SYSTEME DE COUPLAGE DE GUIDES D'ONDES

(71) DEWELL CORP. [KR/KR]; Nova Bldg., 3F 641-3, Yuksam-Dong, Kangnam-ku-Seoul 135-081 (KR).

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(72, 75) ABELES, Joseph [RU/RU]; East Brunswick, NJ (US). CAPEWELL, David [US/US]; Brown Mills, NJ (US). DIMARCO, Lou [US/US]; Mercer County, NJ

(US). KWAKERNAAK, Martin [US/US]; New Brunswick, NJ (US). MALEY, Nandranath [US/US]; Exton, PA (US). MOHSENI, Hooman [US/US]; Princeton, NJ (US). WHALEY, Ralph [US/US]; Princeton Junction, NJ (US). YANG, Liyou [US/US]; Plainsboro, NJ (US).

(74) DARCY, Jonathan, M.; Reed Smith LLP, 2500 One Liberty Place, 1650 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095520 (13) A2

(21) PCT/US2004/012639

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,928 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM OF PATH PLANNING FOR ROBOTIC MANIPULATORS BASED ON MAXIMUM ACCELERATION AND FINITE JERK CONSTRAINTS

- SYSTEME DE PLANIFICATION DE PARCOURS POUR MANIPULATEURS ROBOTIQUES METTANT EN OEUVRE UNE ACCELERATION MAXIMUM ET DES CONTRAINTES DE SURACCELERATION FINIES

(71) BERKELEY PROCESS CONTROL, INC. [US/US]; 4124 Lakeside Drive, Richmond, CA 94806 (US).

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(72) ROGERS, John; 131 Donald Drive, Moraga, CA 94556 (US). PADMANABHAN, Prasad; 675 Oberlin Avenue, Kensington, CA 94708 (US). SAGUES, Paul; 1 DeWitt Drive, P.O. Box 219, Ross, CA 94957 (US).

(74) JAFFER, David, H.; Pillsbury Winthrop LLP, 2475 Hanover Street, Palo Alto, CA 94304-1114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095521 (13) A2

(21) PCT/US2004/012653

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,461 16 Apr/avr 2003 US  
(16.04.2003)

(30) 10/825,780 15 Apr/avr 2004 US  
(15.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW VOLTAGE SILICON CON-  
TROLLED RECTIFIER (SCR) FOR  
ELECTROSTATIC DISCHARGE (ESD)  
PROTECTION ON SILICON-ON-INSU-  
LATOR TECHNOLOGIES

• REDRESSEUR AU SILICIUM BASSE  
TENSION POUR PROTECTION  
CONTRE LA DECHARGE ELECTRO-  
STATIQUE EN TECHNOLOGIES DE  
SILICIUM SUR ISOLANT

(71) SARNOFF CORPORATION [US/US];  
201 Washington Road, Princeton, NJ  
08543 (US). SARNOFF EUROPE BVBA  
[BE/BE]; Brugse Bann 188A, B-8470 Gistel  
(BE).

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(72, 75) RUSS, Cornelius, Christain [DE/DE];  
Schiller Strasse 2A, 86420 Diedorf (DE).  
JOSWIAK, Phillip [US/US]; 31 Franklin  
Drive, Plainsboro, NJ 08536 (US). MER-  
GENS, Markus [DE/DE]; Bachstrasse 17,  
88214 Ravensburg (DE). ARMER, John  
[US/US]; 321 Vesper Avenue, Middlesex, NJ  
08467 (US). TRINH, Cong-Son [US/US];  
81-16 Tamarron Drive, Plainsboro, NJ 08536  
(US). MOHN, Russell [US/US]; 803 Pheas-  
ant Hollow Drive, Plainsboro, NJ 08536  
(US). VERHAEGE, Koen [BE/BE]; Brugse  
Bann 188A, B-D-8470 Gistel (BE).

(74) HERTZBERG, Steven; 595 Shrewsbury  
Avenue, Shrewsbury, NJ 07702 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095522 (13) A2

(21) PCT/US2004/001877

(22) 24 Jan/jan 2004 (24.01.2004)

(25) en (26) en

(30) 10/411,054 9 Apr/avr 2003 US  
(09.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEEP N WELLS IN TRIPLE WELL  
STRUCTURES AND METHOD FOR  
FABRICATING SAME

• CAISSONS N PROFONDS SITUES  
DANS DES STRUCTURES A TROIS  
CAISSONS D'ISOLEMENT ET PRO-  
CEDE DE PRODUCTION DESDITS  
CAISSONS

(71) NEWPORT FAB, LLC DBA JAZZ SEMI-  
CONDUCTOR [US/US]; 4321 Jamboree  
Road, Newport Beach, CA 92660 (US).

(72) KAR-ROY, Arjun; 59 Edgewood, Irvine,  
CA 92618 (US). RACANELLI, Marco;  
11333 Dannen Drive, Santa Ana, CA 92705  
(US). ZHANG, Jinshu; 26 Bearpaw, 56A,  
Irvine, CA 92604 (US).

(74) FARJAMI, Michael; Farjami & Farjami  
LLP, 26522 La Alameda Avenue, Suite 360,  
Mission Viejo, CA 92691 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095523 (13) A2

(21) PCT/US2004/002516

(22) 30 Jan/jan 2004 (30.01.2004)

(25) en (26) en

(30) 10/414,063 14 Apr/avr 2003 US  
(14.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FLUID-BASED SWITCHES

• COMMUTATEURS UTILISANT DES  
FLUIDES

(71) AGILENT TECHNOLOGIES, INC.  
[US/US]; 395 Page Mill Road, Palo Alto, CA  
94306 (US).

(72) WONG, Marvin, Glenn; 93 Honey Hill  
Lane, Woodland Park, CO 80863 (US).

(74) WAY, Kyle, J.; Intellectual Property Admin-  
istration, MS: DL-429, Agilent Technologies,  
Inc., P.O. Box 7599, Loveland, CO 80537-  
0599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(51)<sup>7</sup> H01L

(11) WO 2004/095524 (13) A2

(21) PCT/US2004/003097

(22) 4 Feb/fév 2004 (04.02.2004)

(25) en (26) en

(30) 10/402,539 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR ALIGNMENT AID  
• AIDE A L'ALIGNEMENT DE  
SEMI-CONDUCTEURS

(71) FREESCALE SEMICONDUCTOR, INC.  
[US/US]; 6501 William Cannon Drive West,  
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(72, 75) SHECK, Stephen, G. [US/US]; 2305  
Park View Drive, Marble Falls, TX 78654  
(US).

(74) GODDARD, Patricia, S.; Freescale Semi-  
conductor, Inc., 7700 West Parmer Lane,  
MD:TX32/PL02, Austin, TX 78729-8084  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095525 (13) A2

(21) PCT/US2004/003441

(22) 4 Feb/fév 2004 (04.02.2004)

(25) en (26) en

(30) 10/402,750 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GATE ELECTRODE FOR MOS TRAN-  
SISTORS

- ELECTRODE GRILLE POUR TRANSISTORS MOS
- (71) CYPRESS SEMICONDUCTOR CORPORATION [US/US]; 198 Champion Court, San Jose, CA 95134 (US).  
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- (72, 75) BLOSSE, Alain [FR/US]; 110 Farallon Drive, Belmont, CA 94002 (US).  
RAMKUMAR, Krishnaswamy [IN/US]; 1193 Lynbrook Way, San Jose, CA 95129 (US).  
GOPALAN, Prabhuram [IN/US]; 38623 Cherry Lane, Apt. 119, Fremont, CA 94536 (US).
- (74) BENEDICTO, Patrick, D. et al. / etc.; Okamoto & Benedicto, P.O. Box 641330, San Jose, CA 95164-1330 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01L
- (11) WO 2004/095527 (13) A2
- (21) PCT/US2004/004326
- (22) 13 Feb/fév 2004 (13.02.2004)
- (25) en (26) en
- (30) 10/400,896 27 Mar/mar 2003 US (27.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR FABRICATING DUAL-METAL GATE DEVICE  
• PROCEDE DE FABRICATION DE DISPOSITIF A GRILLE BIMETALLIQUE
- (71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).  
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- (72, 75) GILMER, David, C. [US/US]; 5208 McDade Drive, Austin, TX 78735 (US).  
SAMAVEDAM, Srikanth, B. [US/US]; 2913 Bernardino Cove, Austin, TX 78728 (US).  
TOBIN, Phillip, J. [US/US]; 11410 Windermere Meadows, Austin, TX 78759 (US).
- (74) GODDARD, Patricia, S.; Freescale Semiconductor, Inc., 7700 West Parmer Lane, MD:TX32/PL02, Austin, TX 78729-8084 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01L
- (11) WO 2004/095526 (13) A2
- (21) PCT/US2004/004325
- (22) 13 Feb/fév 2004 (13.02.2004)
- (25) en (26) en
- (30) 10/393,065 20 Mar/mar 2003 US (20.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MULTI-BIT NON-VOLATILE MEMORY DEVICE AND METHOD THEREFOR  
• DISPOSITIF A MEMOIRE REMANENTE MULTIBIT ET PROCEDE CORRESPONDANT
- (71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SADD, Michael [US/US]; 2104 E. Anderson Lane, Apt. 1936, Austin, TX 78752 (US).  
WHITE, Bruce, E. [US/US]; 3204 Bluebell Bend Cove, Round Rock, TX 78664 (US).  
SWIFT, Craig, T. [US/US]; 3613 Sawmill Drive, Austin, TX 78749 (US).
- (74) GODDARD, Patricia, S.; Freescale Semiconductor, Inc., 7700 West Parmer Lane, MD:TX32/PL02, Austin, TX 78729-8084 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01L
- (11) WO 2004/095528 (13) A2
- (21) PCT/US2004/005371
- (22) 23 Feb/fév 2004 (23.02.2004)
- (25) en (26) en
- (30) 60/456,381 21 Mar/mar 2003 US (21.03.2003)
- (30) 10/734,374 12 Dec/déc 2003 US (12.12.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • POLARIZATION SPLITTING GRATING COUPLERS  
• COUPLEURS A RESEAU DE SEPARATION DE POLARISATION
- (71) LUXTERA, INC. [US/US]; 1819 Aston Avenue, Suite 102, Carlsbad, CA 92008 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GUNN, Lawrence, C., III [US/US]; 1385 Hymettus, Encinitas, CA 92024 (US).  
PINGUET, Thierry, J. [US/US]; North Marengo Avenue, #304, Pasadena, CA 91101 (US).  
RATTIER, Maxime, J. [FR/FR]; 35 rue des Artistes, F-75014 Paris (FR).  
WITZENS, Jeremy [DE/US]; 130 S. Michigan Avenue, Pasadena, CA 91106 (US).
- (74) FERNANDEZ, Dennis, S.; Fernandez & Associates LLP, 1047 El Camino Real, Ste 201, Menlo Park, CA 94025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations
- (u) for / pour US only / seulement
- 
- (51)<sup>7</sup> H01L
- (11) WO 2004/095529 (13) A2
- (21) PCT/US2004/006076
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) en (26) en
- (30) 60/456,229 21 Mar/mar 2003 US (21.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND APPARATUS FOR REDUCING SUBSTRATE BACKSIDE DEPOSITION DURING PROCESSING  
• PROCEDE ET APPAREIL POUR REDUIRE LE DEPOT DE MATIERE SUR LE COTE ARRIERE D'UN SUBSTRAT PENDANT UN TRAITEMENT
- (71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HATAMURA, Yasunori [JP/US]; Apt. 28, 3 Beverly Commons Drive, Beverly, MA 01915 (US). HINATA, Kunihiko [JP/JP]; 412 Ninomiya, Misaka-cho, Higashiyat-sushiro-gun, Yamanashi, 406-0807 (JP).

(74) MAIER, Gregory, J.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VI 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095530 (13) A2

(21) PCT/US2004/006077

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/458,407 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD FOR ADJOINING ADJACENT COATINGS ON A PROCESSING ELEMENT

• PROCEDE POUR APPLIQUER DES REVETEMENTS ADJACENTS SUR UN ELEMENT DE TRAITEMENT

(71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6 Akasaka 5-Chrome, Minato-Ku, Tokyo 107-8481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ESCHER, Gary [US/US]; 29 Gallant Drive, Hampstead, NH 03841 (US). ALLEN, Mark, A. [US/US]; 18 Winthrop Street, Essex, MA 01929 (US). KUDO, Yasuhisa [JP/JP]; c/o Tokyo Electron limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

(74) SACHAR, Surinder; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095531 (13) A2

(21) PCT/US2004/006078

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 60/458,043 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM FOR TEMPERATURE CONTROL OF A SUBSTRATE

• PROCEDE ET SYSTEME POUR REGULER LA TEMPERATURE D'UN SUBSTRAT

(71) TOKYO ELECTRON LTD [JP/JP]; TBS Broadcast Center, 3-6 Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MITROVIC, Andrej [YU/US]; 4720 E. Winston Dr., Phoenix, AZ 85044 (US).

(74) SACHAR, Surinder; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VA 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095532 (13) A2

(21) PCT/US2004/006080

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/458,439 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A BARRIER LAYER FOR A PROCESSING ELEMENT AND A METHOD OF FORMING THE SAME

• COUCHE BARRIERE POUR UN ELEMENT DE TRAITEMENT ET PROCEDE POUR FORMER LA DITE COUCHE BARRIERE

(71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ESCHER, Gary [US/US]; 29 Gallant Drive, Hampstead, NH 03841 (US). ALLEN, Mark, A. [US/US]; 18 Winthrop Street, Essex, ME 01929 (US).

(74) MAIER, Gregory, J.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria, VI 22314 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095533 (13) A2

(21) PCT/US2004/006304

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en

(30) 10/402,114 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REDUCING LEAKAGE CURRENT IN CARBON NANOTUBE DEVICES

• REDUCTION DU COURANT DE FUITE DANS DES DISPOSITIFS A NANOTUBES DE CARBONE

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEAN, Kenneth, A. [US/US]; 15633 South 5th Drive, Phoenix, AZ 85045 (US). COLL, Bernard, F. [FR/US]; 15643 North Boulder Drive, Fountain Hills, AZ 85268 (US). JOHNSON, Scott, V.; 5111 East Sharon Drive, Scottsdale, AZ 85254 (US).

(74) KOCH, William, E.; Motorola, Inc., Intellectual Property Section, 3102 North 56th Street, Phoenix, AZ 85018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095534 (13) A2

(21) PCT/US2004/006326

(22) 2 Mar/mar 2004 (02.03.2004)

(25) en (26) en



(30) 10/418,230 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GAAS SUBSTRATE WITH SB BUFFERING FOR HIGH IN DEVICES  
• SUBSTRAT DE GAAS MUNI D'UN TAMPON DE SB POUR DES DISPOSITIFS A FORTE TENEUR EN INDIUM

(71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. [US/US]; 65 Spit Brook Road., Nashua, NH 03061 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UPPAL, Parvez, N. [US/US]; 8116 Elsie Way, Laurel, MD 20723 (US).

(74) MALONEY, Neil, F. et al. / etc.; PO Box 3445, Nashua, NH 03061-3445 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> H01L

(11) WO 2004/095535 (13) A2

(21) PCT/US2004/006818

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/403,997 29 Mar/mar 2003 US  
(29.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVED TRANSPARENT ELECTRODE, OPTOELECTRONIC APPARATUS AND DEVICES  
• ELECTRODE TRANSPARENTE AME-LIOREE, APPAREIL ET DISPOSITIFS ELECTRONIQUES

(71) NANOSOLAR INC. [US/US]; 2440 Embarcadero Way, Palo Alto, CA 94303 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PICHLER, Karl [AT/US]; 444 Saratoga Avenue, #15 C, Santa Clara, CA 95050 (US).

(74) ISENBERG, Joshua; 204 Castro Lane, Fremont, CA 94539 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> H01L

(11) WO 2004/095536 (13) A2

(21) PCT/US2004/007067

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/402,087 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STRETCHABLE AND ELASTIC INTERCONNECTS  
• INTERCONNEXIONS ETIRABLES ET ELASTIQUES

(71) PRINCETON UNIVERSITY [US/US]; Office of Technology Licensing & Intellectual Property, Fourth Floor, New South Building, P.O. Box 36, Princeton, NJ 08544-0036 (US).

(72) WAGNER, Sigurd; 16 Maclean Circle, Princeton, NJ 08540 (US). PERICHON LA-COUR, Stephanie; 7224 Town Court South, Lawrenceville, NJ 08648 (US). ZHIGANG, Sue; 88 North Hancock Street, Lexington, MA 02420 (US).

(74) DUNN MCKAY, Diane; Mathews, Collins, Shepherd & McKay, P.A., Suite 306, 100 Thanet Circle, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095537 (13) A2

(21) PCT/US2004/008508

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/460,541 4 Apr/avr 2003 US  
(04.04.2003)

(30) 10/618,933 14 Jul/juil 2003 US  
(14.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR MULTIPACKAGE MODULE INCLUDING PROCESSOR AND MEMORY PACKAGE ASSEMBLIES

• MODULE MULTI-BOITIER SEMI-CONDUCTEUR COMPRENANT UN

PROCESSEUR ET DES ENSEMBLES DE BOITIER DE MEMOIRE

(71) CHIPPAC, INC. [US/US]; 47400 Kato Road, Fremont, CA 94538 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARNEZOS, Marcos [US/US]; 535 Lytton Avenue, Palo Alto, CA 94301 (US).

(74) KENNEDY, Bill et al. / etc.; Haynes Beffel & Wolfend LLP, P.O. Box 366, Half Moon Bay, CA 94019 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01L

(11) WO 2004/095538 (13) A2

(21) PCT/US2004/008554

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/405,599 1 Apr/avr 2003 US  
(01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DENSIFYING DEPOSITED FILMS ON INTEGRATED CIRCUITS  
• DENSIFICATION DE FILMS DEPOSES SUR DES CIRCUITS INTEGRES

(71) VARIAN MEDICAL SYSTEMS TECHNOLOGIES, INC. [US/US]; 3100 Hansen Way, Palo Alto, CA 94304 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZENTAL, George [US/HU]; 1054 Blackfield Way, Mountain View, CA 94040 (US). SHAH, Kanai, S. [US/US]; 58 Waverly Avenue, Newton, MA 02458 (US). BENNETT, Paul, R. [US/US]; 6 Phlox Lane, Acton, MA 01720 (US). KLUGERMAN, Mikhail [US/US]; 9 Meeting House Road, Acton, MA 01720 (US). DMITRIEV, Yuri [US/US]; 12 Ranson Road, #7, Brighton, MA 02135 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th Floor,

12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

(11) WO 2004/095539 (13) A2

(21) PCT/US2004/008604

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03/04221 4 Apr/avr 2003 FR (04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMBINED POLYNOMIAL AND NATURAL MULTIPLIER ARCHITECTURE

• ARCHITECTURE A MULTIPLI-CATEUR COMBINE POLYNOMIAL ET NATUREL

(71) ATMEL CORPORATION [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US). (for all designated States except / pour tous les États désignés sauf US)

(72) DUPAQUIS, Vincent; 4, rue du Collet, F-13124 Peypin (FR). PARIS, Laurent; 28, Le Ribas, F-13790 Rousset (FR).

(74) SCHNECK, Thomas; Schneck & Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H01L

(11) WO 2004/095540 (13) A2

(21) PCT/US2004/008808

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/418,617 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MAKING A NANOGAP FOR VARIABLE CAPACITIVE ELEMENTS AND DEVICE HAVING A NANOGAP

• PROCEDE D'OBTENTION D'UN NANO-ECARTEMENT POUR ELEMENTS A CAPACITE VARIABLE, ET DISPOSITIF PRESENTANT UN NANO-ECARTEMENT

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE). THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; 1705 El Camino Real, Palo Alto, CA 94306 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) PARTRIDGE, Aaron; 224 N. Carolina Avenue, Palo Alto, CA 94301 (US). LUTZ, Markus; 762 Mahogany Lane, Sunnyvale, CA 94086 (US). KENNY, Thomas; 132 Devonshire Blvd., San Carlos, CA 94070 (US).

(74) MAYER, Richard, L. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L

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(30) 10/414,567 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FEEDBACK AND COUPLING STRUCTURES AND METHODS

• STRUCTURES ET PROCEDES DE RENVOI ET DE COUPLAGE

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(74) TRICE, Ronald, D.; ZeoLux Corporation, 2101 Crystal Plaza Arcade, PMB 138, Arlington, VA 22202-4600 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01L 21/00

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(21) PCT/JP2004/005133

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 2003-106414 10 Apr/avr 2003 JP (10.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR PICKING UP SEMICONDUCTOR CHIP

• APPAREIL ET PROCEDE POUR SAISIR UNE PUCE DE SEMI-CONDUCTEUR

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(72, 75) KASAI, Teruaki

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office 13th Floor ARK Mori Building 12-32 Akasaka 1-chome Minato-ku Tokyo, 1076013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/00

(11) WO 2004/095543 (13) A2

(21) PCT/US2004/010496

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/418,535 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LASER TRIMMING WITH PHASE SHIFTERS

• AJUSTAGE PAR LASER AU MOYEN DE DEPHASEURS

(71) ANALOG DEVICES INC. [US/US]; P.O. Box 9106, Norwood, MA 02062-9106 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) RUGGERIO, Paul, A. [US/US]; 14 Sarah's Way, Peabody, MA 01960-4902 (US). BAIN, David [GB/IE]; Mayfield House, Castleroberts, Adare, Ireland (IE). HUPPERT, Gilbert [US/US]; 2 Longbow Road, Stoneham, MA 02180 (US). GLEASON, Edward, F. [US/US]; 12 Boxwood Lane, Lexington, MA 02420 (US). DELAUS, Michael, D. [US/US]; 8 Meadow View Lane, Andover, MA 01810 (US).

(74) CONNORS, Matthew, E. et al. / etc.; Gauthier & Connors LLP, 225 Franklin Street, Suite 3300, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/00

(11) WO 2004/095544 (13) A2

(21) PCT/US2004/012297

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,438 22 Apr/avr 2003 US (22.04.2003)

(30) 60/543,883 12 Feb/fév 2004 US (12.02.2004)

(30) 10/828,997 20 Apr/avr 2004 US (20.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SUBSTRATE WITH MULTIPLE CONDUCTIVE LAYERS AND METHODS FOR MAKING AND USING SAME

• SUBSTRAT A COUCHES CONDUCTRICES MULTIPLES ET PROCEDES DE FABRICATION ET D'UTILISATION DE CELUI-CI

(71) TOUCHSENSOR TECHNOLOGIES, LLC [US/US]; 203 N. Gables Boulevard, Wheaton, IL 60187 (US).

(72) CALDWELL, David, W.; 11301 James Street, Holland, MI 49424 (US). TAYLOR, Michael, Jon

(74) VRLA, Mark, P.; Jenner & Block, LLP, One IBM Plaza, Chicago, IL 60611 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/00

(11) WO 2004/095545 (13) A2

(21) PCT/US2004/006847

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/402,915 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WAFER CARRIER HAVING IMPROVED PROCESSING CHARACTERISTICS

• SUPPORT DE PLAQUETTES PRESENTANT DES CARACTERISTIQUES DE TRAITEMENT AMELIOREES

(71) SAINT-GOBAIN CERAMICS & PLASTICS, INC. [US/US]; 1 New Bond Street, Box Number 15138, Worcester, Massachusetts 01615-0138 (US).

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(72, 75) BUCKLEY, Richard, F. [US/US]; 8 Comstock Drive, Shrewsbury, Massachusetts 01545 (US). HAERLE, Andrew, G. [US/US]; 34 Manchaug Road, Sutton, Massachusetts 01590 (US). CHANG, Han, C. [US/—]; Science-Based Industrial Park, CRD 13F, No. 3 Li-Hsin Road II, Hsin-Chu City, 300 (\*\*).

(74) BUJOLD, Michael, J.; Davis & Bujold, P.L.L.C., 500 North Commercial Street, Fourth Floor, Manchester, New Hampshire 03101-1151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/02, 21/324

(11) WO 2004/095546 (13) A1

(21) PCT/US2003/041176

(22) 22 Dec/déc 2003 (22.12.2003)

(25) en (26) en

(30) 10/402,166 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF ADJUSTING THE ABSORPTIVITY OF INTEGRATED CIRCUITS PRIOR TO RAPID THERMAL PROCESSING

• PROCEDER POUR AJUSTER LA L'ABSORPTIVITE DE CIRCUITS INTEGRES AVANT UN TRAITEMENT THERMIQUE RAPIDE

(71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) EHRICHS, Edward, E.; 4800 Canyonwood Drive, Austin, TX 78735 (US).

(74) DRAKE, Paul, S. et al. / etc.; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR DEVICE MANUFACTURING METHOD AND SEMICONDUCTOR DEVICE MANUFACTURING SYSTEM

• PROCEDE ET SYSTEME DE PRODUCTION DE DISPOSITIF A SEMI-CONDUCTEURS

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(72, 75) NAGAI, Kouichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) OKAMOTO, Keizo; OKAMOTO PATENT OFFICE, Yamanishi Bldg. 4F, 11-7, Nihonbashi Ningyo-cho 3-chome, Chuo-ku, Tokyo 103-0013 (JP).

(81) JP US.

(51)<sup>7</sup> H01L 21/027, G03F 7/20, H01L 21/68, G05D 3/12, G05B 11/32

(11) WO 2004/095548 (13) A1

(21) PCT/JP2004/001765

(22) 18 Feb/fév 2004 (18.02.2004)

(25) ja (26) ja

(30) 2003-114524 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STAGE DEVICE AND EXPOSURE DEVICE

• DISPOSITIF DE PLATINE ET DISPOSITIF D'EXPOSITION

(71) ADVANTEST CORPORATION [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).  
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(72, 75) UENO, Masashi [JP/JP]; Advantest Corporation, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).

(74) RYUKA, Akihiro; 6F, Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/027, G03F 7/20

(11) WO 2004/095549 (13) A1

(21) PCT/JP2004/005134

(22) 9 Apr/avr 2004 (09.04.2004)

(25) ja (26) ja

(30) 2003-107776 11 Apr/avr 2003 JP (11.04.2003)

(30) 2003-148362 26 May/mai 2003 JP (26.05.2003)

(30) 2003-353433 14 Oct/oct 2003 JP (14.10.2003)

(30) 2003-363460 23 Oct/oct 2003 JP (23.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PATTERN PLOTTING DEVICE AND PATTERN PLOTTING METHOD

• DISPOSITIF ET PROCEDE DE TRACE DE MOTIFS

(71) BALL SEMICONDUCTOR INC. [US/US]; 415 Century Parkway, Allen, Texas 75013 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) OHMI, Tadahiro [JP/JP]; 1-17-301, Komegafukuro 2-chome, Aoba-ku, Sendai-shi, Miyagi, 9800813 (JP).

(72, 75) SUGAWA, Shigetoshi [JP/JP]YANAGIDA, Kimio [JP/JP]TAKEHISA, Kiwamu [JP/JP]

(74) GOTO, Yosuke et al. / etc.; The Third Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo, 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-116216 21 Apr/avr 2003 JP (21.04.2003)

(30) 2003-116217 21 Apr/avr 2003 JP (21.04.2003)

(30) 2003-116218 21 Apr/avr 2003 JP (21.04.2003)

(30) 2003-409375 8 Dec/déc 2003 JP (08.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ORGANIC MATTER REMOVING APPARATUS, ORGANIC MATTER REMOVING METHOD, OZONE WATER JET NOZZLE, AND ORGANIC MATTER REMOVING APPARATUS FOR MASK SUBSTRATE

• DISPOSITIF D'ELIMINATION DE MATIERE ORGANIQUE, PROCEDE D'ELIMINATION DE MATIERE ORGANIQUE, BUSE DE PROJECTION DE JET D'EAU A L'OZONE, ET DISPOSITIF D'ELIMINATION DE MATIERE ORGANIQUE POUR SUBSTRAT DE MASQUAGE

(71) SEKISUI CHEMICAL CO. LTD. [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 5308565 (JP).

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(72, 75) YAMAZAKI, Kazutoshi [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-2, Kamitobakamichoshicho, Minami-ku, Kyoto-shi,

Kyoto 6018105 (JP). FURUNO, Yoshihiko [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-2, Kamitobakamichoshicho, Minami-ku, Kyoto-shi, Kyoto 6018105 (JP). FUJIMORI, Yoji [JP/JP]; c/o Sekisui Chemical Co., Ltd., 2-2, Kamitobakamichoshicho, Minami-ku, Kyoto-shi, Kyoto 6018105 (JP).

(74) YASUTOMI, Yasuo; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US2004/001405

(22) 21 Jan/jan 2004 (21.01.2004)

(25) en (26) en

(30) 60/458,430 31 Mar/mar 2003 US (31.03.2003)

(30) 60/484,225 5 May/mai 2003 US (05.05.2003)

(30) 10/640,577 14 Aug/août 2003 US (14.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR MULTILAYER PHOTORESIST DRY DEVELOPMENT

• PROCEDE ET APPAREIL POUR LE DEVELOPPEMENT A SEC DE PHOTORESIST MULTICOUCHE

(71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP). INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).  
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(72, 75) BALASUBRAMANIAM, Vaidyanathan [IN/US]; Apt. 108, 101 Rantoul St., Beverly, MA 01915 (US). INAZAWA, Koichiro [JP/US]; 2124 Avalon Drive, Peabody, MA 01960 (US). WISE, Rich [US/US]; 429 Sandgate Drive, New Windsor, NY 12553 (US). MAHOROWALA, Arpan, P. [US/US]; 475 Bronxville Road, Bronxville, NY 10708 (US). PANDA, Siddhartha [IN/US]; 15 Van Horn Circle, #C, Beacon, NY 12508 (US).

(74) LAZAR, Dale, S. et al. / etc.; Pillsbury Winthrop LLP, P.O. Box 10500, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01L 21/20, 21/762, 29/10

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(25) de (26) de

(30) 103 18 283.7 22 Apr/avr 2003 DE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PRODUCING A TENSIONED LAYER ON A SUBSTRATE, AND A LAYER STRUCTURE  
• PROCEDE DE PRODUCTION D'UNE COUCHE CONTRAINTE SUR UN SUBSTRAT, ET STRUCTURE EN COUCHES

(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Straße, 52425 Jülich (DE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MANTL, Siegfried [AT/DE]; Tilgenkampstrasse 17, 52428 Jülich (DE).

(74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/20, 21/762, 21/265

(11) WO 2004/095553 (13) A2

(21) PCT/DE2004/000780

(22) 15 Apr/avr 2004 (15.04.2004)

(25) de (26) de

(30) 103 18 284.5 22 Apr/avr 2003 DE (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PRODUCING A STRAINED LAYER ON A SUBSTRATE AND CORRESPONDING LAYER STRUCTURE

• PROCEDE POUR PRODUIRE UNE COUCHE CONTRAINTE SUR UN SUBSTRAT ET STRUCTURE EN COUCHES

(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Straße, 52425 Jülich (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MANTL, Siegfried [AT/DE]; Tilgenkampstrasse 17, 52428 Jülich (DE).  
HOLLÄNDER, Bernhard [DE/DE]; Hoppersheider Busch 32B, 51467 Bergisch Gladbach (DE).

(74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/20, 21/36

(11) WO 2004/095554 (13) A2

(21) PCT/US2004/011712

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,870 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR PREPARING A DEVICE STRUCTURE HAVING A WAFER STRUCTURE DEPOSITED ON A COMPOSITE SUBSTRATE HAVING A MATCHED COEFFICIENT OF THERMAL EXPANSION

• PROCEDE POUR PREPARER UNE STRUCTURE DE DISPOSITIF COMPRENANT UNE STRUCTURE DE TRANCHE DEPOSEE SUR UN SUBSTRAT COMPOSITE POSSEDANT UN COEFFICIENT ADAPTE DE DILATION THERMIQUE

(71) RAYTHEON COMPANY [US/US]; 870 Winter Street, Waltham, MA 02451 (US).

(72) PETERSON, Jeffrey, M.; 303 Padre Street, Santa Barbara, CA 93105 (US).

(74) SCHUBERT, William, C.; Raytheon Company, EO/E04/N119, 2000 East El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/205, C23C 16/44

(11) WO 2004/095555 (13) A1

(21) PCT/JP2004/005644

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-117663 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR CLEANING HEAT TREATMENT APPARATUS  
• PROCEDE DE NETTOYAGE DE DISPOSITIF DE TRAITEMENT THERMIQUE

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASEBE, Kazuhide [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP). OKADA, Mitsuhiro [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP). CHIBA, Takashi [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP). OGAWA, Jun [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/28, 21/324, 21/336, 29/49

(11) WO 2004/095556 (13) A1

(21) PCT/US2004/012068

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 10/420,721 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD OF FORMING A METAL GATE STRUCTURE WITH TUNING

OF WORK FUNCTION BY SILICON INCORPORATION

- PROCEDE DE FORMATION D'UNE STRUCTURE DE GACHETTE METALLIQUE A FONCTION D'EXTRACTION REGLABLE DU FAIT DE L'INCORPORATION DE SILICIUM

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68 P.O. Box 3453, Sunnyvale, CA 94088-3453 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WOO, Christy** [US/US]; 10706 Linda Vista Drive, Cupertino, CA 95014 (US). **BESSER, Paul, R.** [US/US]; 1087 Yorktown Drive, Sunnyvale, CA 94087 (US). **NGO, Minh Van** [US/US]; 40986 Canyon Heights Drive, Fremont, CA 94539 (US). **PAN, Janes, N.** [—/US]; 272 Town View Drive, Wappingers, Falls, NY 12590 (US). **YIN, Jinsong** [CN/US]; 936 Azure Street, B4, Sunnyvale, CA 94087 (US).

(74) **COLLOPY, Daniel, R.**; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/JP2003/016990

(22) **26 Dec/déc 2003 (26.12.2003)**

(25) ja (26) ja

(30) 2003-17948 **27 Jan/jan 2003 JP (27.01.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR DEVICE

- DISPOSITIF SEMI-CONDUCTEUR

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KONDOH, Eiichi** [JP/JP]; 472-51, Nakashimojo, Shikishima-Machi, Nakakoma-Gun, Yamanashi 400-0124 (JP). **VEZIN, Vincent** [JP/JP]; Rokkaku Takakura Park Homes 906, 186, Chigiriyi-cho, Higashiiru, Rokkaku, Higashinotonin, Nakagyo-ku, Kyoto-shi, Kyoto 604-8133 (JP). **KUBO, Kenichi** [JP/JP]; 3-1-23, Yakata, Kofu-Shi, Yamanashi 400-0017 (JP). **KUREISHI, Yoshinori** [JP/JP]; c/o Tokyo Electron BP Limited, 2-30-7, Sumiyoshi-Cho, Fuchu-Shi, Tokyo 183-8705 (JP). **OHTA, Tomohiro** [JP/JP]; c/o

Tokyo Electron Limited, 650, Mitsuzawa, Hosaka-cho, Nirasaki-shi, Yamanashi 407-0192 (JP).

(74) **ITO, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/304

(11) **WO 2004/095558** (13) A1

(21) PCT/JP2004/005310

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) ja (26) ja

(30) 2003-117771 **23 Apr/avr 2003 JP (23.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CMP POLISHING METHOD AND METHOD FOR MANUFACTURING SEMICONDUCTOR DEVICE

- PROCEDE DE POLISSAGE CHIMICO-MECANIQUE (CMP) ET PROCEDE DE FABRICATION D'UN DISPOSITIF A SEMI-CONDUCTEUR

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-Chome Chiyoda-ku Tokyo, 1008331 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOSHINO, Susumu** [JP/JP]; c/o NIKON CORPORATION 2-3, Marunouchi 3-Chome Chiyoda-ku Tokyo, 1008331 (JP). **KITADE, Yuko** [JP/JP]; c/o NIKON CORPORATION 2-3, Marunouchi 3-Chome Chiyoda-ku Tokyo, 1008331 (JP). **YOSHIDA, Norio** [JP/JP]; c/o NIKON CORPORATION 2-3, Marunouchi 3-Chome Chiyoda-ku Tokyo, 1008331 (JP).

(74) **HOSOE, Toshiaki**; Corpo Fuji 605 3-6, Nishikanagawa 1-Chome, Kanagawa-ku Yokohama-Shi Kanagawa, 2210822 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/3065

(11) **WO 2004/095559** (13) A1

(21) PCT/JP2004/005643

(22) **20 Apr/avr 2004 (20.04.2004)**

(25) ja (26) ja

(30) 2003-117664 **22 Apr/avr 2003 JP (22.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR REMOVING SILICON OXIDE FILM AND PROCESSING APPARATUS

- PROCEDE DE RETRAIT DE FILM D'OXYDE DE SILICIUM ET APPAREIL DE TRAITEMENT

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HASEBE, Kazuhide** [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP). **OKADA, Mitsuhiko** [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP). **CHIBA, Takashi** [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP). **OGAWA, Jun** [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP).

(74) **YOSHITAKE, Kenji et al. / etc.**; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/31, 21/3065

(11) **WO 2004/095560** (13) A1

(21) PCT/JP2004/004539

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) ja (26) ja

(30) 2003-113738 **18 Apr/avr 2003 JP (18.04.2003)**

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR PRODUCING DEVICE AND SEMICONDUCTOR PRODUCING METHOD

- DISPOSITIF ET PROCEDE DE PRODUCTION SEMI-CONDUCTEURS

(71) **HITACHI KOKUSAI ELECTRIC INC.** [JP/JP]; 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 164-8511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASANAMI, Katsuhisa** [JP/JP]; c/o Hitachi Kokusai Electric Inc., 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 164-8511 (JP). **MIYATA, Toshimitsu** [JP/JP]; c/o Hitachi Kokusai Electric Inc., 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 164-8511 (JP). **ISHISAKA, Mitsunori** [JP/JP]; c/o Hitachi Kokusai Electric Inc., 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 164-8511 (JP).

(74) **KAJIWARA, Tatsuya**; I-201, Central Nishi-Shinjuku, 9-5, Nishi-Shinjuku 8-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/3115, 21/314, 21/316, 21/66

(11) WO 2004/095561 (13) A1

(21) PCT/US2003/041186

(22) 22 Dec/déc 2003 (22.12.2003)

(25) en (26) en

(30) 103 14 504.4 31 Mar/mar 2003 DE (31.03.2003)

(30) 10/693,024 24 Oct/oct 2003 US (24.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMPENSATION FOR HETEROGENEOUS NITROGEN CONCENTRATION IN A NITRIDED SILICON OXIDE LAYER

• COMPENSATION DES CONCENTRATIONS D'AZOTE HETEROGENES DANS UNE COUCHE D'OXYDE DE SILICIUM NITRUREE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) **WIECZOREK, Karsten**; Am Schulfeld 24, D-01109 Dresden (DE). **GRAETSCH, Falk**; Selliner Str. 5b, D-01109 Dresden (DE). **HERRMANN, Lutz**; Bautzner Str. 115, D-01109 Dresden (DE).

(74) **DRAKE, Paul, S.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/316, 21/336, 29/78

(11) WO 2004/095562 (13) A1

(21) PCT/JP2004/005230

(22) 13 Apr/avr 2004 (13.04.2004)

(25) ja (26) ja

(30) 2003-114616 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR DEVICE AND PROCESS FOR PRODUCING THE SAME  
• DISPOSITIF A SEMI-CONDUCTEUR ET PROCEDE DE PRODUCTION ASSOCIE

(71, 72) **OHMI, Tadahiro** [JP/JP]; 1-17-301, Komegafukuro 2-chome, Aoba-ku, Sendai-shi, Miyagi 9800813 (JP).

(72, 75) **TERAMOTO, Akinobu** [JP/JP]

(74) **GOTO, Yosuke et al.** / etc.; The Third Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo 1050003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/316

(11) WO 2004/095563 (13) A1

(21) PCT/JP2004/005641

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-118860 23 Apr/avr 2003 JP (23.04.2003)

(30) 2004-112761 7 Apr/avr 2004 JP (07.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SURFACE MODIFICATION METHOD AND SURFACE MODIFICATION APPARATUS FOR INTERLAYER INSULATING FILM

• PROCEDE DE MODIFICATION DE SURFACE ET APPAREIL DE MODIFICATION DE SURFACE DESTINE A UN FILM ISOLANT INTERCOUCHE

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HISHIYA, Shingo** [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 1078481 (JP).

(74) **YOSHITAKE, Kenji et al.** / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/331, 21/285

(11) WO 2004/095564 (13) A1

(21) PCT/IB2004/050497

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03101144.8 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE WITH A BIPOLAR TRANSISTOR

• PROCEDE DE MANUFACTURE D'UN DISPOSITIF SEMI-CONDUCTEUR AVEC UN TRANSISTOR BIPOLAIRE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAGNEE, Petrus, H., C.** [NL/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

**HUETING, Raymond, J., E.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MELAI, Joost** [NL/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **IN 'T ZANDT, Michael, A., A.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DONKERS, Johannes, J., T., M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ELEVELD, Koop, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01L 21/336, 29/78, 29/165

(11) WO 2004/095565 (13) A1

(21) PCT/IB2004/001254

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0350127 24 Apr/avr 2003 FR (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR DEVICE COMPRISING EXTENSIONS PRODUCED FROM MATERIAL WITH A LOW MELTING POINT

• DISPOSITIF A SEMI-CONDUCTEURS COMPORTANT DES PROLONGEMENTS REALISES EN UN MATERIAU A BAS POINT DE FUSION

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) EL-FARHANE, Rebha [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(74) ROCHE, Denis; Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01L 21/66, G01N 21/956

(11) WO 2004/095566 (13) A1

(21) PCT/JP2004/005633

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-117307 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR MANUFACTURING SYSTEM

• SYSTEME DE FABRICATION DE SEMI-CONDUCTEURS

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP).

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(72, 75) YATSUGAKE, Yasuo [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP). KATO, Hitoshi [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP). YASUHARA, Moyuru [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP). IRIE, Takashi [JP/JP]; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku Tokyo, 1000005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 21/68, 23/544

(11) WO 2004/095567 (13) A1

(21) PCT/DE2004/000801

(22) 16 Apr/avr 2004 (16.04.2004)

(25) de (26) de

(30) 103 17 747.7 17 Apr/avr 2003 DE (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MONITORING THE REDUCTION IN THICKNESS AS MATERIAL IS REMOVED FROM A WAFER COMPOSITE AND TEST STRUCTURE FOR MONITORING REMOVAL OF MATERIAL

• CONTROLE DE LA REDUCTION DE L'EPaisseur D'UN ASSEMBLAGE

DE PLAQUETTES, ET STRUCTURE DE VERIFICATION UTILISEE POUR CONTROLER LADITE REDUCTION D'EPaisseur

(61) DE PCT/DE04/801 (POA) 16 Apr/avr 2004 (16.04.2004)

(71) X-FAB SEMICONDUCTOR FOUNDRIES AG [DE/DE]; Haabergstrasse 67, 99097 Erfurt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LERNER, Ralf [DE/DE]; Josef-Albers-Strasse 20, 99085 Erfurt (DE).

(74) LEONHARD OLGEMOELLER FRICKE et al. / etc.; Postfach 10 09 62, 80083 Muenchen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H01L 21/68

(11) WO 2004/095568 (13) A1

(21) PCT/JP2004/005632

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-116390 21 Apr/avr 2003 JP (21.04.2003)

(30) 2003-338585 29 Sep/sep 2003 JP (29.09.2003)



- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DEVICE FOR APPLYING SEMICONDUCTOR TREATMENT TO TREATMENT SUBJECT SUBSTRATE
- DISPOSITIF CONÇU POUR APPLIQUER UN TRAITEMENT A SEMI-CONDUCTEUR A UN SUBSTRAT A TRAITER
- (71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo, 1078481 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ASAKURA, Kentaro [JP/JP]
- (74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye & Suzuye 7-2, Kamumigaseki 3-chome, Chiyoda-ku, Tokyo, 1000013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01L 21/762, 21/312
- (11) WO 2004/095569 (13) A1
- (21) PCT/US2004/011534
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en (26) en
- (30) 60/463,709 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF FILLING HIGH ASPECT RATIO, SMALL DIMENSION GAPS AND FORMULATIONS USEFUL THEREIN
- PROCEDE DE BOUCHAGE D'ESPACES DE PETITE DIMENSION A RAPPORT ELEVE LARGEUR / PROFONDEUR ET COMPOSITIONS UTILES POUR LEDIT PROCEDE
- (71) DOW GLOBAL TECHNOLOGIES INC. [US/US]; Washington Street, 1790 Building, Midland, MI 48674 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FOSTER, Kenneth, L. [US/US]; 114 West Carpenter Street, Midland, MI 48642 (US). GODSCHALX, James, P. [US/US]; 2205 Plymouth Street, Midland, MI 48642 (US). SIMMONDS, Michael, G. [GB/GB]; Colonel Montegnic 93, B-1332 Genval (BE).
- (74) ZERULL, Susan, Moeller; The Dow Chemical Company, Intellectual Property Section, P.O. Box 1967, Midland, MI 48674-1967 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H01L 21/764
- (11) WO 2004/095570 (13) A2
- (21) PCT/DE2004/000815
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) de (26) de
- (30) 103 17 748.5 17 Apr/avr 2003 DE (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TEST STRUCTURE FOR ELECTRICALLY VERIFYING THE DEPTHS OF TRENCH-ETCHINGS IN AN SOI WAFER, AND ASSOCIATED WORKING METHODS
- STRUCTURE D'ESSAI PERMETTANT DE CONTROLER ELECTRIQUEMENT LA PROFONDEUR DE GRAVURES DE TRANCHÉES D'ISOLATION DANS UNE TRANCHE SOI ET PROCEDES DE MISE EN OEUVRE ASSOCIES
- (61) DE PCT/DE04/815 (POA) 19 Apr/avr 2004 (19.04.2004)
- (71) X-FAB SEMICONDUCTOR FOUNDRIES AG [DE/DE]; Haabergerstrasse 67, 99097 Erfurt (DE).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LERNER, Ralf [DE/DE]; Josef-Albers-Strasse 20, 99085 Erfurt (DE).
- (74) LEONHARD OLGEMOELLER FRICKE et al. / etc.; Postfach 10 09 62, 80083 Muenchen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
*(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)*

- EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> H01L 21/768, 21/3205, 21/3213, 21/304, 21/306
- (11) WO 2004/095571 (13) A1
- (21) PCT/JP2004/005637
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 2003-117667 22 Apr/avr 2003 JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SUBSTRATE PROCESSING METHOD AND SUBSTRATE PROCESSING APPARATUS
- PROCEDE DE TRAITEMENT DE SUBSTRAT ET APPAREIL DE TRAITEMENT DE SUBSTRAT
- (71) EBARA CORPORATION [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIROKAWA, Kazuto [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP). TSUJIMURA, Manabu [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo, 1448510 (JP).
- (74) WATANABE, Isamu et al. / etc.; Gowa Nishi-Shinjuku 4F 5-8, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo, 1600023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01L 21/8238, 29/78
- (11) WO 2004/095572 (13) A1
- (21) PCT/SG2004/000100
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 60/464,936 22 Apr/avr 2003 US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A METHOD OF FABRICATING A CMOS DEVICE WITH DUAL METAL GATE ELECTRODES
- PROCEDE DE FABRICATION DE CMOS A ELECTRODES DE GRILLE BIMETALLIQUES
- (71) NATIONAL UNIVERSITY OF SINGAPORE [SG/SG]; 10 Kent Ridge Crescent, Singapore 119260 (SG). AGENCY FOR

SCIENCE TECHNOLOGY AND RESEARCH [SG/SG]; 20 Biopolis Way, #07-01 Centros, Singapore 138668 (SG).  
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(72, 75) PARK, Chang Seo [KR/SG]; 32 Dover Rise, #04-04 Dover Parkview, Singapore 138686 (SG). CHO, Byung Jin [KR/SG]; 111 Clementi Road, #04-07 Kent Vale, Singapore 129792 (SG). NARAYANAN, Balasubramanian [SG/SG]; c/o Institute of Microelectronics 11 Science Park Road, Singapore 117685 (SG).

(74) ELLA CHEONG SPRUSON & FERGUSON (SINGAPORE) PTE LTD; P.O. Box 1531, Robinson Road Post Office, Singapore 903031 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) H01L 23/10, 21/50, B81B 7/00

(11) WO 2004/095573 (13) A1

(21) PCT/US2004/002981

(22) 3 Feb/fév 2004 (03.02.2004)

(25) en (26) en

(30) 10/396,572 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WAFER SCALE PACKAGE AND METHOD OF ASSEMBLY

• ENCAPSULATION AU NIVEAU DE LA TRANCHE ET PROCEDE D'ASSEMBLAGE ASSOCIE

(71) NORTHROP GRUMMAN CORPORATION [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).

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(72, 75) CHEN, Li-Shu [US/US]; 4226 Dancing Sunbeam Court, Ellicott City, MD 21042 (US). SMITH, Philip, C. [US/US]; 10208 New Forest Court, Ellicott City, MD 21042 (US). MOLONEY, Thomas, J. [US/US]; 3428 Rolling View Court, Ellicott City, MD 21042 (US). FUDEM, Howard [US/US]; 6313 Pimlico Road, Baltimore, MD 21209 (US).

(74) GATES, William, L.; BIRCH, STEWART, KOLASCH & BIRCH, LLP, P.O. Box 747, Falls Church, VA 22040-0747 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01L 23/373

(11) WO 2004/095574 (13) A1

(21) PCT/US2004/005054

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/404,223 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • THERMAL INTERFACE APPARATUS, SYSTEMS, AND METHODS

• DISPOSITIFS, SYSTEMES ET PROCEDES D'INTERFACE THERMIQUE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) JADHAV, Susheel; 444 North Kyrene Road, #149, Chandler, AZ 85226 (US). DEPPISCH, Carl; 2071 West Ironwood Drive, Chandler, AZ 85224 (US). HUA, Fay; 5389 Ligurian Drive, San Jose, CA 95138 (US).

(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 23/473

(11) WO 2004/095575 (13) A2

(21) PCT/US2004/005830

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/404,310 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTRONIC ASSEMBLY WITH FLUID COOLING AND ASSOCIATED METHODS

• ENSEMBLE ELECTRONIQUE COMPORTANT UN REFROIDISSEMENT PAR FLUIDE ET PROCEDES ASSOCIES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) HU, Chuan; 1565 North Ellis Street, Chandler, AZ 85224 (US). MAHAJAN, Ravi; 1957 E. Divot Drive, Tempe, AZ 85283 (US).

(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 27/04, 21/3205, H01Q 1/38, 1/40

(11) WO 2004/095576 (13) A1

(21) PCT/JP2004/004419

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-117826 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR DEVICE

• DISPOSITIF SEMI-CONDUCTEUR

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

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(72, 75) KIKKAWA, Takamaro [JP/JP]; 4-104, 2-365, Kagamiyama, Higashihiroshima-shi, Hiroshima 739-0046 (JP). IWATA, Atsushi [JP/JP]; 1-301, 2-360, Kagamiyama, Higashihiroshima-shi, Hiroshima 739-0046 (JP). SUNAMI, Hideo [JP/JP]; 1-104, 2-365, Kagamiyama, Higashihiroshima-shi, Hiroshima 739-0046 (JP). MATTAUSCH, Hans Jurgen [DE/JP]; 849-2, Osawa, Saijo-cho, Higashihiroshima-shi, Hiroshima 739-0034 (JP). YOKOYAMA, Shin [JP/JP]; 3-8, Takaya-takamigaoka 4-chome, Higashihiroshima-shi, Hiroshima 739-2115 (JP). SHIBAHARA, Kentaro [JP/JP]; 32-15, Saijo-cho 3-chome, Higashihiroshima-shi, Hiroshima 739-0025 (JP). NAKAJIMA, Anri [JP/JP]; 24-6-705, Sukezane, Saijo-cho, Higashihiroshima-shi, Hiroshima 739-0021 (JP). KOIDE, Tetsushi [JP/JP]; 647-159, Misonou, Saijo-cho, Higashihiroshima-shi, Hiroshima 739-0024 (JP). A.B.M., Harun-ur Rashid [BD/JP]; Room 203, No.12 Shoda Bldg., 7-12, Saijo-kamiichi-machi, Higashihiroshima-shi, Hiroshima 739-0006 (JP). WATANABE, Shinji [JP/JP]; Room 103, 2799-7, Taguchi, Saijo-cho, Higashihiroshima-shi, Hiroshima 739-0036 (JP).

(74) SHIMIZU, Mamoru; Ohzono Bldg., 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 27/06

(11) WO 2004/095577 (13) A2

(21) PCT/IB2004/050474

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 03101096.0 22 Apr/avr 2003 EP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR DEVICE AND METHOD OF OPERATING SUCH A DEVICE  
• DISPOSITIF SEMI-CONDUCTEUR ET SON PROCÉDE DE FONCTIONNEMENT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
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(72, 75) GAJADHARSING, Radjindrepersad [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ROEDLE, Thomas, C. [DE/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). HAMMES, Petra, C., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). THEEUWEN, Stephan, J., C., H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG

ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H01L 27/105, 27/108, 21/8242

(11) WO 2004/095578 (13) A1

(21) PCT/JP2003/005223

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR DEVICE AND PRODUCTION METHOD THEREFOR  
• DISPOSITIF A SEMI-CONDUCTEUR ET PROCÉDE DE PRODUCTION ASSOCIE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
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(72, 75) IZUMI, Kazutoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SAITO, Hitoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SASHIDA, Naoya [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SAIGOH, Kaoru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NAGAI, Kouichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) KOKUBUN, Takayoshi; 5th Floor, Ikebukuro TG Homest Building, 17-8, Higashi-Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN JP KR US.

(51)<sup>7</sup> H01L 27/12

(11) WO 2004/095579 (13) A1

(21) PCT/JP2003/005200

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF PRODUCING SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE ON SOI SUBSTRATE

• PROCÉDE DE PRODUCTION DE DISPOSITIF DE CIRCUIT INTEGRE A SEMI-CONDUCTEURS SUR UN SUBSTRAT DE SOI

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKUMA, Jun [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (JP).

(81) CN JP KR US.

(51)<sup>7</sup> H01L 27/146

(11) WO 2004/095580 (13) A1

(21) PCT/IB2004/050419

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 03101127.3 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DETECTOR ELEMENT FOR X-RADIATION  
• ELEMENT DETECTEUR POUR RAYONS X

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).  
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BW BY BZ CA CH CN CO CR CU CY CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW)

(72, 75) NASCETTI, Augusto [IT/DE]; c/o Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Property &, Standards GmbH Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01L 27/148, H04N 5/335

(11) WO 2004/095581 (13) A1

(21) PCT/JP2004/005808

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-118730 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SOLID-STATE IMAGING DEVICE  
• DISPOSITIF DE FORMATION D'IMAGES A SEMI-CONDUCTEURS

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435855 (JP).

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(72, 75) **AKAHORI, Hiroshi** [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 (JP). **KA-SUYA, Tatsuki** [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 (JP).

(74) **HASEGAWA, Yoshiki** et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 29/00, 21/20

(11) WO 2004/095582 (13) A1

(21) PCT/US2004/001878

(22) 24 Jan/jan 2004 (24.01.2004)

(25) en (26) en

(30) 10/410,937 9 Apr/avr 2003 US (09.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A HIGH DENSITY MIM CAPACITOR WITH REDUCED VOLTAGE DEPENDENCE IN SEMICONDUCTOR DIES

• CONDENSATEUR MIM COMPOSITE HAUTE DENSITE A DEPENDANCE REDUITE VIS-A-VIS DE LA TENSION, UTILISE DANS DES PUCES DE SEMI-CONDUCTEURS

(71) **NEWPORT FAB, LLC DBA JAZZ SEMICONDUCTOR** [US/US]; 4321 Jamboree Road, Newport Beach, CA 92660 (US).

(72) **KAR-ROY, Arjun**; 59 Edgewood, Irvine, CA 92618 (US). **RACANELLI, Marco**; 11333 Dannen Drive, Santa Ana, CA 92705 (US). **HOWARD, David**; 19 Springwater, Irvine, CA 92604 (US).

(74) **FARJAMI, Michael**; Farjami & Farjami LLP, 26522 La Alameda Avenue, Suite 360, Mission Viejo, CA 92691 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01L 29/10

(11) WO 2004/095583 (13) A2

(21) PCT/US2004/011818

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/417,021 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RADIATION-HARDENED TRANSISTOR FABRICATED BY MODIFIED CMOS PROCESS

• TRANSISTOR RESISTANT AUX RADIATIONS REALISE PAR PROCESSUS CMOS MODIFIE

(71) **RAYTHEON COMPANY** [US/US]; 870 Winter Street, Office of the General Counsel, Waltham, MA 02451 (US).

(72) **LUM, Wing Y.**; 722 Dorado Drive, Santa Barbara, CA 93111 (US).

(74) **SCHUBERT, William C.** et al. / etc.; c/o Raytheon Company, EO/E04/N119, 2000 East El Segundo Boulevard, P. O. Box 902, El Segundo, CA 90245 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 29/417, 29/08, 29/732

(11) WO 2004/095584 (13) A1

(21) PCT/EP2004/050335

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 18 422.8 23 Apr/avr 2003 DE (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BIPOLAR TRANSISTOR AND METHOD FOR THE PRODUCTION THEREOF

• TRANSISTOR BIPOLAIRE ET PROCEDE DE FABRICATION DUDIT TRANSISTOR

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÖCK, Josef** [DE/DE]; Hugo-Weiss-Str. 13, 81827 München (DE). **MEISTER, Thomas** [DE/DE]; Schlesierstr. 15, 82024 Taufkirchen (DE). **STENGL, Reinhard** [DE/DE]; Bergstr. 3, 86391 Stadtbergen

(DE). **SCHÄFER, Herbert** [DE/DE]; Altlaufstr. 15, 85635 Höhenkirchen-Siegersbrunn (DE).

(74) **KINDERMANN, Peter** et al. / etc.; Karl-Böhm-Str. 1, 85598 Baldham (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51) H01L 29/792, 27/115, 21/8247

(11) WO 2004/095585 (13) A1

(21) PCT/JP2003/004941

(22) 18 Apr/avr 2003 (18.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NONVOLATILE SEMICONDUCTOR STORAGE DEVICE AND METHOD FOR MANUFACTURING NONVOLATILE SEMICONDUCTOR STORAGE DEVICE

• DISPOSITIF DE STOCKAGE SEMI-CONDUCTEUR NON VOLATIL ET PROCEDE DE FABRICATION DE CELUI-CI

(71) **GENUSION INC.** [JP/JP]; Osaka Prefectural IT Incubator, 2-1-12, Kikawahigashi, Yodogawa-ku, Osaka-shi, Osaka 532-0012 (JP).

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(72, 75) **AJIKA, Natsuo** [JP/JP]; c/o GENUSSION INC., Osaka Prefectural IT Incubator, 2-1-12, Kikawahigashi, Yodogawa-ku, Osaka-shi, Osaka 532-0012 (JP).

(74) **KOMORI, Hisao** et al. / etc.; 4-34, Noninbashi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 31/00

(11) WO 2004/095586 (13) A2

(21) PCT/FR2004/000925

(22) 14 Apr/avr 2004 (14.04.2004)

- (25) fr (26) fr  
(30) 03/04729 16 Apr/avr 2003 FR (16.04.2003)  
(30) 03/13489 18 Nov/nov 2003 FR (18.11.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PHOTOVOLTAIC MODULE AND PRODUCTION METHOD THEREOF  
• MODULE PHOTOVOLTAIQUE ET PROCEDE DE FABRICATION D'UN TEL MODULE  
(71) APOLLON SOLAR [FR/FR]; 2, Rue Du-long, F-75017 Paris (FR).  
(72, 75) BARET, Guy [FR/FR]; 21, Rue Jules Ferry, F-38500 Voiron (FR). LAUVRAY, Hubert [FR/FR]; 22, Chemin de Mordant, F-38370 St Clair du Rhône (FR). EINHAUS, Roland [DE/FR]; 4, Rue des Moineaux, F-38300 Bourgoin Jallieu (FR). BAMBERG, Klaus [DE/FR]; 10, Rue de la République, F-69001 Lyon (FR).  
(74) HECKE, Gérard et al. / etc.; Cabinet Hecke, WTC Europole, 5 place Robert Schuman, B.P. 1537, F-38025 Grenoble Cédex 1 (FR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> H01L 31/00  
(11) WO 2004/095587 (13) A2  
(21) PCT/US2004/006729  
(22) 3 Mar/mar 2004 (03.03.2004)  
(25) en (26) en  
(30) 10/412,711 10 Apr/avr 2003 US (10.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METAL CONTACT STRUCTURE FOR SOLAR CELL AND METHOD OF MANUFACTURE  
• STRUCTURE DE CONTACT METALLIQUE POUR UNE CELLULE SOLAIRE ET SON PROCEDE DE FABRICATION  
(71) SUNPOWER CORPORATION [US/US]; 430 Indio Way, Sunnyvale, CA 94085 (US). (for all designated States except / pour tous les États désignés sauf US)  
(72, 75) MULLIGAN, William, P. [US/US]; 1287 Settle Avenue, Sunnyvale, CA 95125 (US). CUDZINOVIC, Michael, J. [US/US]; 378 Balson Avenue, Sunnyvale, CA 94085 (US). PASS, Thomas [US/US]; 1588 Willowgate Drive, San Jose, CA 95118 (US). SMITH, David [US/US]; 3515 Olsen Drive, San Jose, CA 95117 (US). SWANSON,

- Richard, M. [US/US]; 82 Loucks Avenue, Los Altos, CA 94022 (US).  
(74) WOODWARD, Henry, K.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> H01L 31/00  
(11) WO 2004/095588 (13) A2  
(21) PCT/US2004/008509  
(22) 19 Mar/mar 2004 (19.03.2004)  
(25) en (26) en  
(30) 60/459,711 2 Apr/avr 2003 US (02.04.2003)  
(30) 10/606,204 25 Jun/juin 2003 US (25.06.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SOLAR ARRAY SUPPORT METHODS AND SYSTEMS  
• PROCEDES ET SYSTEMES POUR SUPPORTER UN RESEAU DE PANNEAUX SOLAIRES  
(71, 72) CONGER, Steven [US/US]; 510 East Hyman Street, Aspen, CO 81611 (US).  
(74) SEAGER, Glenn, M.; Crompton Seager & Tuffe LLC, 1221 Nicollet Avenue, Suite 800, Minneapolis, MN 55403 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
(51)<sup>7</sup> H01L 31/02, 31/042  
(11) WO 2004/095589 (13) A2  
(21) PCT/US2004/011525  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) en (26) en  
(30) 60/463,359 16 Apr/avr 2003 US (16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • INSTALLING A SOLAR PANEL ON A ROOF  
• EXPEDITION ET INSTALLATION D'UN PANNEAU SOLAIRE SUR UN TOIT  
(71) BP CORPORATION NORTH AMERICA INC. [US/US]; 4101 Winfield Road, Warrenville, IL 60555 (US). (for all designated States except / pour tous les États désignés sauf US)  
(72, 75) WARFIELD, Donald, B. [US/US]; 16531 A.E. Mullinix Road, Woodbine, MD 27197 (US). GARVISON, Paul [US/US]; 335 East Third Street, Frederick, MD 21701 (US). AMIN, Dinesh, S. [US/US]; 22705 Timber Creek Lane, Clarksburg, MD 20871 (US).  
(74) NEMO, Thomas, E.; BP America Inc., BP Legal, 4101 Winfield Road, Mail Code 5 East, Warrenville, IL 60555 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).  
Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement  
(51)<sup>7</sup> H01L 31/042  
(11) WO 2004/095590 (13) A1  
(21) PCT/JP2004/005674  
(22) 20 Apr/avr 2004 (20.04.2004)  
(25) ja (26) ja  
(30) 2003-115512 21 Apr/avr 2003 JP (21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SELFLUMINOUS DEVICE  
• DISPOSITIF AUTOLUMINEUX  
(71) KYOSEMI CORPORATION [JP/JP]; 949-2, Ebisu-cho, Fushimi-ku, Kyoto-shi, Kyoto 6128201 (JP). (for all designated States except / pour tous les États désignés sauf US)  
(72, 75) NAKATA, Josuke [JP/JP]; 29-3, Goryooyama-cho 4-chome, Nishikyo-ku, Kyoto-shi, Kyoto 6101102 (JP). SUGIMURA,

- Hiroimi [JP/JP];** C/o Kyosemi Sorporation, 70-1, Azakamisunagawa, Kamisunagawa-cho, Sorachi-gun, Hokkaido 0730200 (JP). **ENDO, Hiroshi [JP/JP];** C/o Kyosemi Sorporation, 70-1, Azakamisunagawa, Kamisunagawa-cho, Sorachi-gun, Hokkaido 0730200 (JP).
- (74) **OKAMURA, Toshio;** Okamura Tokkyo Jimusho, 5-5, Nishitenma 4-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01L 33/00
- (11) WO 2004/095591 (13) A1
- (21) PCT/JP2004/005853
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) ja (26) ja
- (30) 2003-119065 23 Apr/avr 2003 JP (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • LIGHT-EMITTING DIODE  
• DIODE ELECTROLUMINESCENTE
- (71) **HOYA CORPORATION [JP/JP];** 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-8525 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KAWAZOE, Hiroshi [JP/JP];** 931-113, Kuden-cho, Sakae-ku, Yokohama-shi, Kanagawa 247-0014 (JP). **ORITA, Masahiro [JP/JP];** 3-4-9-808, Tsutsujiga-oka, Akishima-shi, Tokyo 196-0012 (JP). **YANAGITA, Hiroaki [JP/JP];** 4-23-12-202, Hino-honmachi, Hino-shi, Tokyo 191-0011 (JP). **KOBAYASHI, Satoshi [JP/JP];** 2-27-22, Nishi, Kunitachi-shi, Tokyo 186-0005 (JP).
- (74) **HAGIHARA, Makoto;** Third Watanabe Bldg. 9th Floor, 1-33, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H01L 33/00
- (11) WO 2004/095592 (13) A2
- (21) PCT/US2004/003597
- (22) 5 Feb/fév 2004 (05.02.2004)
- (25) en (26) en
- (30) 10/393,643 21 Mar/mar 2003 US (21.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A SYSTEM AND METHOD FOR AN IMPROVED LIGHT-EMITTING DEVICE  
• SYSTEME ET PROCEDE CONCERNANT UN DISPOSITIF ELECTROLUMINESCENT AMELIORE
- (71) **INTEL CORPORATION [US/US];** 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **GARDNER, Donald;** 2281 Oaktree Drive, Mountain View, CA 94040 (US).
- (74) **MALLIE, Michael, J. et al. / etc.;** Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01L 33/00, 23/467, 23/473
- (11) WO 2004/095593 (13) A1
- (21) PCT/US2004/008788
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 60/459,238 31 Mar/mar 2003 US (31.03.2003)
- (30) 10/726,882 3 Dec/déc 2003 US (03.12.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • LED LIGHT ASSEMBLY WITH ACTIVE COOLING  
• ENSEMBLE LUMINEUX A DEL A RE-FROIDISSEMENT ACTIF
- (71) **GELCORE LLC [US/US];** 6180 Halle Drive, Valley View, OH 44125-4635 (US).
- (72) **ARIK, Mehmet;** 1365 Van Antwerp Road, Apt. A-6, Niskayuna NY 12309 (US). **WETZEL, Todd, Garrett;** 9 Riverdale Road, Niskayuna, NY 12309 (US). **SADDOUGH, Seyed, Gholamali;** 639 Bruno Road, Clifton Park, NY 12065 (US). **BOESPFLUG,**
- Matthew, Patrick;** 221 Monmouth Way, Clifton Park, NY 12065 (US). **PETROSKI, James, T.;** 2688 Sherwood Drive, Parma, OH 44134 (US).
- (74) **MCCOLLISTER, Scott, A.;** Fay, Sharpe, Fagan, Minnich & McKee, LLP, 1100 Superior Avenue, Seventh Floor, Cleveland, OH 44114-2579 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H01L 35/20, 35/34, C22C 30/00
- (11) WO 2004/095594 (13) A1
- (21) PCT/JP2004/005571
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) ja (26) ja
- (30) 2003-116840 22 Apr/avr 2003 JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • THERMOELECTRICALLY TRANSDUCING MATERIAL, THERMOELECTRIC TRANSDUCER USING THE MATERIAL, AND GENERATING METHOD AND COOLING METHOD USING THE TRANSDUCER  
• MATERIAU THERMOELECTRIQUEMENT TRANSDUCTEUR, TRANSDUCTEUR THERMOELECTRIQUE UTILISANT CE MATERIAU, ET PROCEDE DE GENERATION ET DE RE-FROIDISSEMENT UTILISANT CE TRANSDUCTEUR
- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP];** 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ONO, Yasuhiro**INAYAMA, ShingoMIYAZAKI, YuzuruKAJITANI, TsuyoshiYOTSUHASHI, SatoshiADACHI, Hideaki
- (74) **KAMADA, Koichi et al. / etc.;** Tomoc Marion Bldg., 7th Fl., 4-3-1, Nishitenma, Kita-ku, Osaka-shi, Osaka 530-0047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01L 41/08

(11) WO 2004/095595 (13) A1

(21) PCT/US2003/036467

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/394,987 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • ACTUATOR
- ACTIONNEUR

(71) BOARD OF CONTROL OF MICHIGAN TECHNOLOGICAL UNIVERSITY [US/US]; 1400 Townsend Drive, Houghton, MI 49931 (US).

(72) LEVY, Miguel; 45383 U.S. Highway 41, Chassell, MI 49916 (US). GHIMIRE, Shankar, R.; 1912 Daniell Heights Woodmar Drive, Apt. B., Houghton, MI 49931 (US). MOON, Kee, S.; 807 Oak Grove Parkway, Houghton, MI 49931 (US).

(74) JONES, Daniel, S.; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 41/09

(11) WO 2004/095596 (13) A1

(21) PCT/GB2004/001600

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308810.1 16 Apr/avr 2003 GB (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • ELECTRO-ACTIVE DEVICE
- DISPOSITIF ELECTRO-ACTIF

(71) 1... LIMITED [GB/GB]; St. John's Innovation Centre, Cowley Road, Cambridge CB4 0WS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOOLEY, Anthony [GB/GB]; 79 De Freville Avenue, Cambridge CB4 1HP (GB). LENEL, Ursula, Ruth [GB/GB]; 52 Victoria Park, Cambridge CB4 3EL (GB). PEARCE, David, Henry [GB/GB]; 4 Ingoldsby Court, 68 Wake Green Road, Moseley, Birmingham B13 9PT (GB).

(74) MERRYWEATHER, Colin, Henry et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01L 51/00

(11) WO 2004/095597 (13) A2

(21) PCT/US2004/011349

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 10/414,794 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • GLASS PACKAGE THAT IS HERMETICALLY SEALED WITH A FRIT AND METHOD OF FABRICATION

- EMBALLAGE EN VERRE HERMETIQUEMENT FERME A L'AIDE D'UNE FRITTE ET PROCEDE DE FABRICATION ASSOCIE

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORENA, Robert, M. [US/US]; 438 Browntown Road, Caton, NY 14830 (US). SCHROEDER, Joseph, F. [US/US]; 8769 Stevens Road, Lindley, NY 14858 (US). STRELTSOV, Alexander [RU/US]; 683 W. Raven Drive, Chandler, AZ 85248 (US). LAMBERSON, Lisa, A. [US/US]; 3822 West Hill Road, Painted Post, NY 14870 (US). MILLER, Richard, J. II [US/US]; 8125 Crouse Road, Bath, NY 14801 (US). AITKEN, Bruce, G. [US/US]; 42B Spencer Hill Road, Corning, NY 14830 (US). CARBERRY, Joel, P. [US/US]; 66 Ridge Road, Horseheads, NY 14858 (US). DEMARTINO, Steven, E. [US/US]; 64 Coleman Avenue, West Elmira, NY 14905 (US). HAGY, Henry, E. [US/US]; 5 Fox Lane West, Painted Post, NY 14870 (US). WIDJAJA, Sujanto [ID/US]; 137 Pultenct Street # 304, Corning, NY 14830 (US).

(74) BEALL, Thomas, R.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 51/00

(11) WO 2004/095598 (13) A2

(21) PCT/US2004/011629

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 10/420,430 21 Apr/avr 2003 US (21.04.2003)

(30) 10/680,066 6 Oct/oct 2003 US (06.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • ORGANIC LIGHT EMITTING DEVICES WITH WIDE GAP HOST MATERIALS

- DISPOSITIFS ORGANIQUES D'EMISSION DE LUMIERE DOTES DE MATIERES HOTES A BANDE INTERDITE IMPORTANTE

(71) THE TRUSTEES OF PRINCETON UNIVERSITY [US/US]; P.O. Box 36, Princeton, NJ 08544-0036 (US). THE UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMPSON, Mark, E. [US/US]; 4447 Pepper Creek Way, Anaheim, CA 92807 (US). DJUROVICH, Peter [US/US]; 1723 1/2 E. Second Street, Long Beach, CA 90802 (US). REN, Xiaofan [CN/US]; 2717 Orchard Avenue, Apt. 20, Los Angeles, CA 90007 (US). HOLMES, Russell, J. [CA/US]; 3218 New Graduate College, Princeton, NJ 08544 (US). FORREST, Stephen, R. [US/US]; 148 Hunt Drive, Princeton, NJ 08540 (US).

(74) MEAGHER, Thomas, F. et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01L 51/20

(11) WO 2004/095599 (13) A1

(21) PCT/GB2004/001696

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0309355.6 24 Apr/avr 2003 GB (24.04.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ORGANIC ELECTRONIC DEVICES INCORPORATING SEMICONDUCTING POLYMER BRUSHES
- DISPOSITIFS ELECTRONIQUES ORGANIQUES COMPRENANT DES BROSSES POLYMERES SEMI-CONDUCTRICES
- (71) CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED [GB/GB]; 16 Mill Lane, Cambridge, Cambridgeshire, CB2 1SB (GB).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SNAITH, Henry [GB/GB]; 84 Cambridge Road, Ely, Cambridgeshire, CB7 4HU (GB). WHITING, Gregory, L. [GB/GB]; 27 Albert Street, Cambridge, Cambridgeshire, CB4 3BE (GB). HUCK, Wilhelm, T., S. [NL/GB]; 14 West Street, Comberton, Cambridgeshire, CB3 7DS (GB). FRIEND, Richard, Henry [GB/GB]; 37 Barton Road, Cambridge CB3 9LG (GB).
- (74) WILLIAMS, Gareth, Owen; Marks & Clerk, 66-68 Hills Road, Cambridge CB2 1LA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H01L 51/20, 51/40, 27/15
- (11) WO 2004/095600 (13) A2
- (21) PCT/US2004/012201
- (22) 19 Apr/avr 2004 (19.04.2004)
- (25) en (26) en
- (30) 10/422,212 23 Apr/avr 2003 US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DEPOSITION OF PERMANENT POLYMER STRUCTURES FOR OLED FABRICATION
- DEPOT DE STRUCTURES POLYMERES PERMANENTE POUR LA FABRICATION DE DIODES ELECTROLUMINESCENTES ORGANIQUES
- (71) EKC TECHNOLOGY, INC. [US/US]; 2520 Barrington Court, Hayward, CA 94545 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROMAN, Paul, J., Jr. [US/US]; 462 Walek Road, North Tonawanda, NY 14120 (US). MADSEN, Harold, O. [US/US]; 3306 Sally Circle, Rio Rancho, NM 87124 (US).
- (74) MCDONALD, James, S. et al. / etc.; Morgan, Lewis & Bockius, LLP, 2 Palo Alto Square, 3000 El Camino Real, Palo Alto, CA 94306 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> H01L 51/30
- (11) WO 2004/095601 (13) A2
- (21) PCT/US2004/011370
- (22) 12 Apr/avr 2004 (12.04.2004)
- (25) en (26) en
- (30) 10/421,074 22 Apr/avr 2003 US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ORGANIC LIGHT EMITTING DEVICES HAVING REDUCED PIXEL SHRINKAGE
- DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES A REDUCTION REDUITE DES PIXELS
- (71) UNIVERSAL DISPLAY CORPORATION [US/US]; 375 Phillips Boulevard, Ewing, NJ 08618 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KWONG, Raymond [—/US]; 6 Lee Court, Plainsboro, NJ 08536 (US). WEAVER, Michael, S. [GB/US]; 1606 Jonathan Court, Princeton, NJ 08540 (US). MA, Bin [CN/US]; 507 Pinoak Road, Monroeville, PA 15146 (US). TSAI, Jui-Yi [—/US]; 440 College Park Drive, Monroeville, PA 15146 (US). BARONE, Michael [US/US]; 206 Catalpa Place, Pittsburgh, PA 15128 (US). KNOWLES, David, B. [US/US]; 1006 Blueberry Drive, Apollo, PA 15613 (US).
- (74) MEAGHER, Thomas, F.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01M
- (11) WO 2004/095602 (13) A2
- (21) PCT/US2004/011384
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 10/418,678 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BATTERY WITH BIFUNCTIONAL ELECTROLYTE
- BATTERIE A ELECTROLYTE BIFONCTIONNEL
- (71) EDA, INC. [US/US]; 829 Heinz Street, Berkeley, CA 94710 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CLARKE, Robert, Lewis [US/US]; 74 Muth Drive, Orinda, CA 94563 (US). DOUGHERTY, Brian, J. [NZ/US]; 1243 Laurel Street, #D, Menlo Park, CA 94025 (US). HARRISON, Stephen [CA/US]; 134 Panorama Drive, Benicia, CA 94710 (US). MILLINGTON, J., Peter [GB/GB]; 16 Valley Road, Weaverham, Chesire, UK CW8 3PP (US). MOHANTA, Samaresh [CA/US]; 704 Bodega Court, Fremont, CA 94539 (US).
- (74) RUTAN & TUCKER et al. / etc.; 611 Anton Blvd., 14th Floor, Costa Mesa, CA 92626-1931 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01M
- (11) WO 2004/095603 (13) A2
- (21) PCT/US2004/011971
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en



(30) 10/417,417 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF PRODUCING MEMBRANE ELECTRODE ASSEMBLIES FOR USE IN PROTON EXCHANGE MEMBRANE AND DIRECT METHANOL FUEL CELLS

• PROCEDE PERMETTANT DE PRODUIRE DES ASSEMBLAGES ELECTRODE-MEMBRANE POUR MEMBRANE ECHANGEUSE DE PROTONS ET PILES A COMBUSTIBLE DIRECTES AU METHANOL

(71) CABOT CORPORATION [US/US]; Two Seaport Lane, Suite 1300, Boston, Massachusetts 02210-2019 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMPDEN-SMITH, Mark, J. [GB/US]; 2901 Maximilian NW, Albuquerque, New Mexico 87104 (US). KODAS, Toivo, T. [US/US]; 11102 San Rafael Drive NE, Albuquerque, New Mexico 87122 (US). ATANASSOVA, Paolina [US/US]; 8309 Tierra Serena Place NE, Albuquerque, New Mexico 87123 (US). BHATIA, Rimple [IN/US]; 01 Cielo Grande Drive, Placitas, New Mexico 87043 (US). MIESEM, Ross, A. [US/US]; 12513 Crestline Avenue NE, Albuquerque, New Mexico 87112 (US). NAPOLITANO, Paul [US/US]; 7304 Yorktown NE, Albuquerque, New Mexico 87109 (US). RICE, Gordon, L. [CA/US]; 5800 Eubank Boulevard NE #2936, Albuquerque, New Mexico 87111 (US).

(74) MARSH FISCHMANN & BREYFOGLE LLP; DOCKERY, David F., 3151 South Vaughn Way, Suite 411, Aurora, Colorado 80014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M

(11) WO 2004/095604 (13) A2

(21) PCT/US2004/012211

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,357 22 Apr/avr 2003 US  
(22.04.2003)

(30) 10/611,431 2 Jul/juil 2003 US  
(02.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR AN AMBIENT ENERGY BATTERY OR CAPACITOR RECHARGE SYSTEM

• PROCEDES ET APPAREIL POUR BATTERIE A ENERGIE AMBIANTE

OU SYSTEME DE RECHARGE DE CONDENSATEUR

(71) INFINITE POWER SOLUTIONS [US/US]; One South Church Avenue, Suite 200, Tucson, AZ 85701 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRANTNER, Paul [US/US]; 29259 Thunderbolt Circle, Conifer, CO 80433 (US).

PEARCE, Michael [US/US]; 2113 Wimbledon, Loveland, CO 80538 (US). TRUJILLO, Adolph [US/US]; 5472 Reed Street, Arvada, CO 80002 (US).

(74) SCHWARTZ, Jeff et al. / etc.; Preston Gates Ellis & Rouvelas Meeds LLP, 1735 New York Avenue NW, Suite 500, Washington, DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M

(11) WO 2004/095605 (13) A2

(21) PCT/US2004/012635

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,874 22 Apr/avr 2003 US  
(22.04.2003)

(30) 60/500,123 3 Sep/sep 2003 US  
(03.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FUEL CELL, COMPONENTS AND SYSTEMS

• PILE A COMBUSTIBLE, COMPOSANTS ET SYSTEMES ASSOCIES

(71, 72) IACOVELLI, Benedetto, Anthony [US/US]; 172 Beaverdam Road, Asheville, NC 28804 (US).

(74) HAMILTON, Jennifer, H. et al. / etc.; The Eclipse Group, 10453 Raintree Lane, Northridge, CA 91326 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M

(11) WO 2004/095606 (13) A2

(21) PCT/US2004/012827

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,698 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BATTERY EMPLOYING AN ELECTRODE PELLET HAVING AN INNER ELECTRODE EMBEDDED THEREIN

• ACCUMULATEUR UTILISANT UN BATONNET ELECTRODE QUI CONTIENT UNE ELECTRODE INTERIEURE INCORPOREE

(71) RECHARGEABLE BATTERY CORPORATION [US/US]; 809 University Drive East, Suite 100e, College Station, TX 77840 (US).

(72) COFFEY, Brendan; 1905 Resaca Blvd, Austin, TX 78738 (US). SESOCK, Charles; 912 Sun Meadow St., College Station, TX 77845 (US).

(74) FACTOR, Jody, L.; Factor & Lake, Ltd., Suite 5G/H, 1327 W. Washington Blvd., Chicago, IL 60607 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M

(11) WO 2004/095607 (13) A2

(21) PCT/US2004/008839

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/406,890 3 Apr/avr 2003 US  
(03.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTRODES COMPRISING MIXED ACTIVE PARTICLES

• ELECTRODES COMPORTANT DES PARTICULES ACTIVES MELANGEES

(71) VALENCE TECHNOLOGY, INC. [US/US]; 301 Conestoga Way, Henderson, NE 89015 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARKER, Jeremy [GB/GB]; 10 Home Farm Close, Shipton-Under-Wychwood, Oxfordshire (GB). SAIDI, M., Yazid [US/US]; 16 Daisy Meadow Terrace, Henderson, NV 89074 (US). KELLEY, Tracy [US/US]; 105414 East Wildfire Drive, Tucson, AZ 85748 (US).

(74) **ROSS, Michael, D.** et al. / etc.; Valence Technology, Inc., 301 Conestoga Way, Henderson, NV 89015 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H01M

(11) WO 2004/095608 (13) A2

(21) PCT/US2004/008863

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/460,481 4 Apr/avr 2003 US (04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • PANCAKE DIE
  - MOULE A CREPE

(71) **J.R. SIMPLOT COMPANY** [US/US]; One Capital Center, 999 Main Street, Suite 1300, Boise, ID 83702 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) **GALLINA, David, N.**; 2115 York Avenue, Nampa, ID 83686 (US).

(74) **LOWRY, Stuart, O.** et al. / etc.; Kelly Bauersfeld Lowry & Kelley, LLP, 6320 Canoga Avenue, Suite 1650, Woodland Hills, CA 91367 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M

(11) WO 2004/095609 (13) A2

(21) PCT/US2004/009952

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/418,993 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CIRCUIT AND METHOD TO NON-INVASIVELY DETECT THE ELECTRICAL POTENTIAL OF A CELL OR NEURON

- CIRCUIT ET PROCEDE DE DETECTION NON INVASIVE DU POTENTIEL ELECTRIQUE D'UNE CELLULE OU D'UN NEURONE

(71) **ELECTRONIC BIOSCIENCES, LLC** [US/US]; 5764 Pacific Center Blvd., Suite 107, San Diego, CA 92121 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) **HIBBS, Andrew, D.**; 5574 Avenida Fiesta, La Jolla, CA 92037 (US).

(74) **DIEDERIKS, Everett, G., Jr.**; DIEDERIKS & WHITELAW, PLC., 12471 Dillingham Sq., #301, Woodbridge, VA 22192 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 2/00

(11) WO 2004/095610 (13) A2

(21) PCT/US2004/008253

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/397,494 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • END CAP SEAL ASSEMBLY FOR AN ELECTROCHEMICAL CELL

- ENSEMBLE CAPUCHON DE SCHEMEMENT POUR PILE ELECTROCHIMIQUE

(71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Building, Boston, MA 02199 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOPPOLO, Robert, A.** [US/US]; 6 Fair Oaks Circle, New Milford, CT 06776 (US).  
**DUPREY, Kevin** [US/US]; 71 Auburn Rd., West Hartford, CT 06119 (US).  
**LINDSAY, Thomas, L.** [US/US]; 1631 Old Town Road, Bridgeport, CT (US).  
**PODOPRIGORA, Oleg** [RU/US]; 322 Willow Springs, New Milford, CT 06776 (US).

(74) **GALLOWAY, Peter, D.** et al. / etc.; Ladas & Parry, 26 West 61 Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01M 2/10

(11) WO 2004/095611 (13) A1

(21) PCT/JP2004/005612

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-115616 21 Apr/avr 2003 JP (21.04.2003)

(30) 2003-415347 12 Dec/déc 2003 JP (12.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMBINATION BATTERY AND BATTERY PACK USING COMBINATION BATTERY

- BATTERIE DE COMBINAISON ET BATTERIE UNE BATTERIE DE COMBINAISON

(71) **MAKITA CORPORATION** [JP/JP]; 11-8, Sumiyoshi-cho 3-chome, Anjo-shi, Aichi, 4468502 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKAKIBARA, Kazuyuki** [JP/JP]; c/o MAKITA CORPORATION, 11-8, Sumiyoshi-cho 3-chome, Anjo-shi, Aichi, 4468502 (JP).

(74) **KAI-U PATENT LAW FIRM; NISSEKI MEIEKI BUILDING 7F, 45-14, Meieki 2-chome, Nakamura-ku, Nagoya-shi, Aichi 450-0002 (JP).**

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH

PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> H01M 4/02, 4/38, 4/04, 10/40, 4/64

(11) WO 2004/095612 (13) A1

(21) PCT/JP2003/016186

(22) 17 Dec/déc 2003 (17.12.2003)

(25) ja (26) ja

(30) 2003-117833 23 Apr/avr 2003 JP  
(23.04.2003)

(30) 2003-278615 23 Jul/juil 2003 JP  
(23.07.2003)

(30) 2003-282294 30 Jul/juil 2003 JP  
(30.07.2003)

(30) 2003-290726 8 Aug/août 2003 JP  
(08.08.2003)

(30) 2003-327893 19 Sep/sep 2003 JP  
(19.09.2003)

(30) 2003-360938 21 Oct/oct 2003 JP  
(21.10.2003)

(30) 2003-403528 2 Dec/déc 2003 JP  
(02.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NEGATIVE ELECTRODE FOR NON-  
AQUEOUS ELECTROLYTE SEC-  
ONDARY BATTERY, METHOD FOR  
MANUFACTURING SAME AND NON-  
AQUEOUS ELECTROLYTE SEC-  
ONDARY BATTERY

• ELECTRODE NEGATIVE POUR AC-  
CUMULATEUR A ELECTROLYTE  
AQUEUX, SON PROCEDE DE FA-  
BRICATION ET ACCUMULATEUR A  
ELECTROLYTE NON AQUEUX

(71) MITSUI MINING & SMELTING CO.,  
LTD. [JP/JP]; 1-11-1, Osaki, Shinagawa-ku,  
Tokyo 141-8584 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) YASUDA, Kiyotaka [JP/JP]; c/o Mitsui  
Mining & Smelting Co., Ltd., Cor-  
porate R & D Center, 1333-2, Haraichi,  
Ageo-shi, Saitama 362-0021 (JP). SAK-  
AGUCHI, Yoshiki [JP/JP]; c/o Mitsui  
Mining & Smelting Co., Ltd., Corporate R  
& D Center, 1333-2, Haraichi, Ageo-shi,  
Saitama 362-0021 (JP). MUSHI, Shinichi  
[JP/JP]; c/o Mitsui Mining & Smelting Co.,  
Ltd., Corporate R & D Center, 1333-2,  
Haraichi, Ageo-shi, Saitama 362-0021 (JP).  
DOBASHI, Makoto [JP/JP]; c/o Mitsui Min-  
ing & Smelting Co., Ltd., Corporate R & D  
Center, 1333-2, Haraichi, Ageo-shi, Saitama  
362-0021 (JP). MODEKI, Akihiro [JP/JP];  
c/o Mitsui Mining & Smelting Co., Ltd.,  
Corporate R & D Center, 1333-2, Haraichi,  
Ageo-shi, Saitama 362-0021 (JP). MAT-  
SUSHIMA, Tomoyoshi [JP/JP]; c/o Mitsui  
Mining & Smelting Co., Ltd., Corporate R  
& D Center, 1333-2, Haraichi, Ageo-shi,  
Saitama 362-0021 (JP). HONDA, Hito-  
hiko [JP/JP]; c/o Mitsui Mining & Smelting  
Co., Ltd., Corporate R & D Center, 1333-2,  
Haraichi, Ageo-shi, Saitama 362-0021 (JP).

TAGUCHI, Takeo [JP/JP]; c/o Mitsui Min-  
ing & Smelting Co., Ltd., Corporate R & D  
Center, 1333-2, Haraichi, Ageo-shi, Saitama  
362-0021 (JP).

(74) HATORI, Osamu; Akasaka HKN Bldg. 6F,  
8-6, Akasaka 1-chome, Minato-ku, Tokyo  
107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

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(51)<sup>7</sup> H01M 4/62, 4/02, 10/40

(11) WO 2004/095613 (13) A1

(21) PCT/JP2004/005769

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-120463 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BINDER FOR ELECTRODE OF  
LITHIUM ION SECONDARY BAT-  
TERY

• LIANT POUR ELECTRODE DE BAT-  
TERIE SECONDAIRE AUX IONS LI-  
THIUM

(71) ZEON CORPORATION [JP/JP]; 6-1,  
Marunouchi 2-chome, Chiyoda-ku, Tokyo  
1008323 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) NAKAYAMA, Akira [JP/JP]; c/o ZEON  
CORPORATION, 6-1, Marunouchi 2-chome,  
Chiyoda-ku, Tokyo 1008323 (JP). SUZUKI,  
Takao [JP/JP]; c/o ZEON CORPORATION,  
6-1, Marunouchi 2-chome, Chiyoda-ku,  
Tokyo 1008323 (JP).

(74) HOSHINO, Tetsuro et al. / etc.; c/o  
TOKYO CENTRAL PATENT FIRM, 4th  
Floor, Oak Building Kyobashi, 16-10, Ky-  
obashi 1-chome, Chuou-ku, Tokyo 1040031  
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01M 4/88

(11) WO 2004/095614 (13) A2

(21) PCT/JP2004/005092

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 2003-113978 18 Apr/avr 2003 JP  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METAL-SUPPORTED POROUS CAR-  
BON FILM, FUEL CELL ELECTRODE  
AND FUEL CELL EMPLOYING THE  
ELECTRODE

• COUCHE DE CARBONE POREUSE  
SUR SUPPORT METALLIQUE, ELEC-  
TRODE DE PILE A COMBUSTIBLE  
ET PILE A COMBUSTIBLE COMPRE-  
NANT CETTE ELECTRODE

(71) UBE INDUSTRIES, LTD. [JP/JP];  
1978-96, Oaza Kogushi, Ube-shi, Yam-  
aguchi 7558633 (JP).  
*(for all designated States except / pour tous  
les États désignés sauf US)*

(72, 75) OHYA, Shyusei [JP/JP]; c/o Polymer  
Research Laboratory Ube Industries, Ltd.,  
8-1, Goiminamikaigan, Ichihara-shi, Chiba  
2900045 (JP). FUJII, Yuuichi [JP/JP]; c/o  
Polymer Research Laboratory Ube Industries,  
Ltd., 8-1, Goiminamikaigan, Ichihara-shi,  
Chiba 2900045 (JP). MATSUO, Makoto  
[JP/JP]; c/o Polymer Research Laboratory  
Ube Industries, Ltd., 8-1, Goiminamikaigan,  
Ichihara-shi, Chiba 2900045 (JP). TAK-  
AGI, Jun [JP/JP]; c/o Polymer Research  
Laboratory Ube Industries, Ltd., 8-1, Goim-  
inamikaigan, Ichihara-shi, Chiba 2900045  
(JP).

(74) AOKI, Atsushi et al. / etc.; A. AOKI,  
ISHIDA & ASSOCIATES, Toranomom 37  
Mori Bldg., 5-1, Toranomom 3-chome, Mi-  
nato-ku, Tokyo 1058423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> H01M 8/00

(11) WO 2004/095615 (13) A2

(21) PCT/US2004/012162

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/463,768 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PREPARATION AND STORAGE OF  
MEMBRANE AND ELECTRODE AS-  
SEMBLIES

- PREPARATION ET STOCKAGE D'ASSEMBLAGES DE MEMBRANES ET D'ELECTRODES
- (71) LYNNTTECH, INC. [US/US]; 7610 Eastmark Drive, College Station, TX 77845 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72) MURPHY, Oliver, J.; 4213 Meadowbrook, Bryan, TX 77802 (US).
- (74) STREETS, Jeffrey, L.; Streets & Steele, 13831 Northwest Freeway, Suite 355, Houston, TX 77040 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01M 8/00
- (11) WO 2004/095616 (13) A2
- (21) PCT/US2004/008583
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/405,654 1 Apr/avr 2003 US (01.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COMPOSITE ELECTROLYTE FOR FUEL CELL  
• ELECTROLYTE COMPOSITE POUR PILE A COMBUSTIBLE
- (71) HEWLETT PACKARD DEVELOPMENT COMPANY L.P. [US/US]; 20555 S.H. 249, Houston, TX 77070 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JEON, Yoocham [KR/US]; 3351 Alma Street, #211, Palo Alto, CA 94306 (US). PAN, Alfred [US/US]; 1676 Kennard Way, Sunnyvale, CA 94087 (US). PRASAD, Ravi [US/US]; 2870 NW Satinwood Street, Corvallis, OR 97330 (US).
- (74) COLLINS, David, W.; Hewlett-Packard Company, IP Administration, P.O. Box 272400, Fort Collins, CO 80527-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01M 8/00
- (11) WO 2004/095616 (13) A1
- (21) PCT/JP2004/004934
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) ja (26) ja
- (30) 2003-116524 22 Apr/avr 2003 JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MOVING BODY MOUNTED WITH FUEL BATTERY  
• CORPS MOBILE MONTE AVEC UNE PILE A COMBUSTIBLE
- (71) TOYOTA JIDOSHA KABUSHIKI KAISHA [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIRAKATA, Shuji, [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP). Umayahara, Kenji, [JP/JP]; c/o TOYOTA JIDOSHA KABUSHIKI KAISHA 1, Toyota-cho, Toyota-shi, Aichi, 4718571 (JP).
- (74) TOKKYO GYOMUHOJIN MEISEI INTERNATIONAL PATENT FIRM; Mitsui-Sumitomo Bank Bldg., 7th floor, 18-19, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi, 4600003 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01M 8/06
- (11) WO 2004/095618 (13) A2
- (21) PCT/EP2004/002073
- (22) 2 Mar/mar 2004 (02.03.2004)
- (25) de (26) de
- (30) 103 18 495.3 24 Apr/avr 2003 DE (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ENERGY CONVERTING DEVICE, AND REFORMER UNIT AND FUEL CELL UNIT THEREFOR  
• DISPOSITIF DE CONVERSION DE L'ENERGIE AVEC INSTALLATION DE REFORMAGE ET INSTALLATION DE PILE A COMBUSTIBLE ASSOCIEES
- (71) BAYERISCHE MOTOREN WERKE [DE/DE]; Aktiengesellschaft, Petuelring 130, 80809 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LAMP, Peter [DE/DE]; Mainstr. 25, 86916 Kaufring (DE). KAMMERER, Jürgen [DE/DE]; Kellerstr. 15, 85276 Pfaffenhofen (DE). EDLINGER, Bernhard [DE/DE]; Stadtaeckerstr. 26, 86152 Augsburg (DE).
- (74) BMW AG; Patentabteilung, AJ-3, 80788 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01M 8/10, 2/00, 2/02, 2/08, 2/14
- (11) WO 2004/095619 (13) A2
- (21) PCT/US2004/007159
- (22) 9 Mar/mar 2004 (09.03.2004)
- (25) en (26) en
- (30) 60/460,162 3 Apr/avr 2003 US (03.04.2003)
- (30) 10/771,222 3 Feb/fév 2004 US (03.02.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMPROVED DIRECT METHANOL FUEL CELL STACK  
• EMPILEMENT DE PILES A COMBUSTIBLE EFFICACES A METHANOL DIRECT AMELIORE
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, New Mexico 87545 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72) RAMSEY, John, C.; 442 Bryce Ave, Los Alamos, NM 87544 (US). WILSON, Mahlon, S.; 85 Mesa Verde, Los Alamos, NM 87544 (US).
- (74) FITZGERALD, Mark, N. et al. / etc.; Los Alamos National Laboratory, LC/IP, MS A187, Los Alamos, NM 87545 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01M 10/28, 4/24, 4/26
- (11) WO 2004/095620 (13) A1
- (21) PCT/JP2004/003043
- (22) 9 Mar/mar 2004 (09.03.2004)

- (25) ja (26) ja
- (30) 2003-117231 **22 Apr/avr 2003** JP  
(22.04.2003)
- (30) 2004-059520 **3 Mar/mar 2004** JP  
(03.03.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ALKALI STORAGE BATTERY AND METHOD OF PRODUCING THE SAME  
• BATTERIE D'ACCUMULATEURS AL-CALINE ET PROCEDE POUR SA PRODUCTION
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza-kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MURAOKA, Yoshiyuki NAKAI, Haruya MIYAHISA, Masaharu
- (74) ISHII, Kazuo et al. / etc.; Kitahama-Yamamoto Building 3-6, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410041 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01M 1/203
- (11) WO 2004/095622 (13) A1
- (21) PCT/US2004/004323
- (22) 13 Feb/fév 2004 (13.02.2004)
- (25) en (26) en
- (30) 10/392,142 **19 Mar/mar 2003** US  
(19.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MINIATURE RF STRIPLINE LINEAR PHASE FILTERS  
• FILTRES DE PHASE LINEAIRE A LIGNE MICRORUBAN RF MINIATURES
- (71) RAYTHEON COMPANY [US/US]; c/o Leonard A. Alkov, Esq., P.O. Box 902 (E4/N119), El Segundo, CA 90245-0902 (US).
- (72) TAYRANI, Reza; 13603 Marina Pointe Drive, #B42, Marina Del Rey, CA 90292 (US). DALCONZO, Larry; 1887 Greenfield Avenue, #306, Los Angeles, 90025 (US). DRAPEAU, David J.; 6425 Warner Drive, Los Angeles, CA 90048 (US). NAKAHIRA, Ron K.; 8026 Canterbury Way, Buena Park, CA 90620 (US).
- (74) ALKOV, Leonard A. et al. / etc.; c/o Raytheon Company, P.O. Box 902 (E4/N119), El Segundo, CA 90245-0902 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01M 10/50, 2/10
- (11) WO 2004/095621 (13) A1
- (21) PCT/JP2004/005687
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) ja (26) ja
- (30) 2003-120010 **24 Apr/avr 2003** JP  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BATTERY RECEIVING DEVICE, POWER SOURCE DEVICE USING THE SAME, AND ELECTRIC MOTOR VEHICLE USING THE DEVICES  
• DISPOSITIF DE RECEPTION D'ACCUMULATEURS, BLOC D'ALIMENTATION EN ENERGIE UTILISANT CE DISPOSITIF, ET VEHICULE A MOTEUR ELECTRIQUE UTILISANT CES DISPOSITIFS
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KADOUCHI, Eiji KIMURA, Kenji
- (74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H01P 1/213, H04B 1/48, 1/52
- (11) WO 2004/095623 (13) A1
- (21) PCT/US2004/011387
- (22) 13 Apr/avr 2004 (13.04.2004)
- (25) en (26) en
- (30) 10/417,881 **16 Apr/avr 2003** US  
(16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A FREQUENCY-SELECTIVE DEVICE AND METHOD THEREOF FOR RECEPTION/TRANSMISSION OF COMMUNICATION SIGNALS IN A WIRELESS MULTI-BAND DEVICE  
• DISPOSITIF SELECTEUR DE FREQUENCE ET PROCEDE ASSOCIE DESTINES A LA RECEPTION/EMISSION DE SIGNAUX DE COMMUNICATION DANS UN DISPOSITIF MULTIBANDE SANS FIL
- (71) KYOCERA WIRELESS CORP. [US/US]; 10300 Campus Point Drive, San Diego, CA 92121 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FORRESTER, Tim [US/US]; 11082 Mulgrave Road, San Diego, CA 92131 (US). TRAN, Allen [US/US]; 10925 Corte Mejilones, San Diego, CA 92130 (US).
- (74) CONNELL, Kathleen, L.; Kyocera Wireless Corp., P.O. Box 928289, San Diego, CA 92192-8289 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
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- (51)<sup>7</sup> H01P 7/08, 1/203
- (11) WO 2004/095624 (13) A1
- (21) PCT/JP2004/004759

- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) ja (26) ja
- (30) 2003-120024 24 Apr/avr 2003 JP  
(24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HIGH FREQUENCY CIRCUIT  
• CIRCUIT HAUTE FREQUENCE
- (71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) KANNO, HiroshiSAKIYAMA, KazuyukiSANGAWA, UshioFUJISHIMA, Tomoyasu
- (74) OGASAWARA, Shiro; Daisan-Longev' Bldg., 3-11, Enokicho, Suita-shi, Osaka 564-0053 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)<sup>7</sup> H01Q
- (11) WO 2004/095625 (13) A2
- (21) PCT/US2004/012143
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 10/419,638 21 Apr/avr 2003 US  
(21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MODULAR RF ANTENNA AND FILTER SYSTEM FOR DUAL RADIO WLAN ACCESS POINTS  
• ANTENNE RADIOFREQUENCE MODULAIRE ET SYSTEME DE FILTRE POUR POINTS D'ACCES DE RESEAU LOCAL SANS FIL RADIOELECTRIQUE DOUBLE
- (71) 3COM CORPORATION [US/US]; 5403 Betsy Ross Drive, Santa Clara, CA 95054 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) VAN ERVEN, Niels [NL/US]; 520 Mansion Court, #308, Santa Clara, CA 95054 (US).
- (74) BEFFEL, Jr., Ernest, J. et al. / etc.; Haynes Beffel & Wolfeld LLP, P.O. Box 366, Half Moon Bay, CA 94019 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (51)<sup>7</sup> H01Q
- (11) WO 2004/095627 (13) A2
- (21) PCT/US2004/007055
- (22) 9 Mar/mar 2004 (09.03.2004)
- (25) en (26) en
- (30) 10/396,818 26 Mar/mar 2003 US  
(26.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • APPARATUS AND METHOD FOR ISOLATING IN-CHANNEL FM ANTENNAS SHARING COMMON APERTURE SPACE  
• DISPOSITIF ET PROCEDE D'ISOLATION D'ANTENNES FM INTRA-CANAL PARTAGEANT LE MEME ESPACE D'OUVERTURE
- (71) SPX CORPORATION [US/US]; 13515 Ballantyne, Corporate Place, Charlotte, NC 28277 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SCHADLER, John, L. [US/US]; 137 Vogel Road, P.O. Box 887, Raymond, ME 04071 (US).
- (74) SHEEHAN, Kenneth, J. et al. / etc.; Baker & Hostetler LLP, Washington Square, Suite 1100, 1050 Connecticut Avenue, NW, Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01Q
- (11) WO 2004/095628 (13) A2
- (21) PCT/US2004/008981
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 10/404,960 31 Mar/mar 2003 US  
(31.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • HIGH EFFICIENCY CROSSED SLOT MICROSTRIP ANTENNA  
• ANTENNE PLAQUE MICRORUBAN A FENTE CROISEE HAUTE EFFICACITE
- (71) HARRIS CORPORATION [US/US]; 1025 W.NASA Blvd., Melbourne, FL 32919 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) KILLEN, William, D.; 2508 Watkins Drive, Melbourne, FL 32901 (US). PIKE, Randy, T.; 5574 Schefflera Place, Grant, FL 32949 (US). DELGADO, Heriberto, J.

(74) **YATSKO, Michael, S. et al. / etc.;** Harris Corporation, 1025 W. Nasa Blvd., Melbourne, FL 32919 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01Q 1/10

(11) WO 2004/095629 (13) A1

(21) PCT/JP2003/005191

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FOLDING PORTABLE RADIO COMMUNICATION TERMINAL

• TERMINAL DE COMMUNICATION RADIO PORTATIF Pliable

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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(72, 75) **KODAMA, Kenichiro** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP). **FUKASAWA, Toru** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **MIYATA, Kaneo et al. / etc.;** c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> H01Q 1/12, 3/08

(11) WO 2004/095630 (13) A1

(21) PCT/FR2004/000688

(22) 19 Mar/mar 2004 (19.03.2004)

(25) fr (26) fr

(30) 03/04516 11 Apr/avr 2003 FR (11.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANTENNA MOUNTING ENABLING FINE ADJUSTMENT OF THE ORIENTATION OF THE ANTENNA

• MONTURE D'ANTENNE PERMETTANT UN REGLAGE FIN DE L'ORIENTATION DE L'ANTENNE

(71) **MANUFACTURE D'APPAREILLAGE ELECTRIQUE DE CAHORS** [FR/FR]; Regourd, F-46003 Cahors Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DHELLEMMES, Olivier** [FR/FR]; 30, rue Jean de Vayrac, F-46000 Cahors (FR). **BOUZOU, Michel** [FR/FR]; 14, rue des Cornouillers, F-46090 Pradines (FR).

(74) **DE ROQUEMAUREL, Bruno et al. / etc.;** c/o Novagraaf Technologies, 122, rue Edouard Vaillant, F-92593 Levallois-Perret Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01Q 1/12

(11) WO 2004/095631 (13) A1

(21) PCT/US2003/012229

(22) 21 Apr/avr 2003 (21.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A SYSTEM FOR REMOTELY ADJUSTING ANTENNAS

• SYSTEME DE REGLAGE A DISTANCE DES ANTENNES

(71, 72) **WENSINK, Jan, Blair** [US/US]; P.O. Box 2386, Huntington Beach, CA 92647 (US).

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H01Q 1/12, 1/16, E04H 12/20, F16G 11/00

(11) WO 2004/095632 (13) A1

(21) PCT/US2004/006592

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/406,185 4 Apr/avr 2003 US (04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR CONTROLLED RELEASE OF GUY WIRES

• PROCEDE ET APPAREIL PERMETTANT LA LIBERATION CONTROLEE DE HAUBANS

(63) US 10/406,185 (CIP) 4 Apr/avr 2003 (04.04.2003)

(71) **SPX CORPORATION** [US/US]; 13515 Ballantyne Corporation Place, Charlotte, NC 28277 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FANTOZZI, Mark** [US/US]; 10915 Linda Vista Drive, Cupertino, CA 95014 (US).

(74) **SHEEHAN, Kenneth, J. et al. / etc.;** Baker & Hostetler LLP, Washington Square, Suite 1100, 1050 Connecticut Avenue, N.W., Washington, DC 20036-5304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01Q 1/24, 5/00, 23/00

(11) WO 2004/095633 (13) A1

(21) PCT/SE2004/000629

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0301200-2 24 Apr/avr 2003 SE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANTENNA DEVICE AND PORTABLE RADIO COMMUNICATION DEVICE COMPRISING SUCH AN ANTENNA DEVICE

• DISPOSITIF ANTENNE ET DISPOSITIF DE RADIOCOMMUNICATION PORTABLE COMPRENANT UN TEL DISPOSITIF D'ANTENNE

(71) **AMC CENTURION AB** [SE/SE]; Box 500, S-184 25 ÅKERSBERGA (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THORNELL-PERS, Anders** [SE/SE]; Strossarvägen 10, S-184 70 ÅKERSBERGA (SE). **ÖSTERVALL, Torsten** [SE/SE]; Ruddammsvägen 11, 5 tr, S-114 21 STOCKHOLM (SE).

(74) **ESTREEN, Lars et al. / etc.;** KRANSELL & WENNBORG AB, Box 27834, S-115 93 STOCKHOLM (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H01Q 1/32, B60R 11/02  
(11) WO 2004/095634 (13) A2  
(21) PCT/DE2004/000849  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) de (26) de  
(30) 103 18 296.9 23 Apr/avr 2003 DE  
(23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • FIXTURE FOR MOBILE RADIO EQUIPMENT IN A VEHICLE  
• SUPPORT DE TERMINAL MOBILE POUR VEHICULE  
(71) AUDIOTON KABELWERK GMBH [DE/DE]; Zweigniederlassung Scheinfeld, Bahnhofstrasse 8, 91443 Scheinfeld (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STRAUSS, Karten [DE/DE]; Zur Unteren Au 10, 74564 Crailshaim (DE). SCHLEGEL, Thomas [DE/DE]; Birkacher Strasse 5, 90453 Nürnberg (DE).  
(74) ZINSINGER, Norbert et al. / etc.; Louis . Pöhlau . Lohrentz, Postfach 30 55, 90014 Nürnberg (DE).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01Q 1/44, 7/06, 1/32, E05B 65/20, B60R 25/00  
(11) WO 2004/095636 (13) A1  
(21) PCT/JP2004/005419  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) ja (26) ja  
(30) 2003-116926 22 Apr/avr 2003 JP  
(22.04.2003)  
(30) 2003-147788 26 May/mai 2003 JP  
(26.05.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ELECTROSTATIC CAPACITY TYPE SENSOR-CARRYING ANTENNA DEVICE  
• DISPOSITIF D'ANTENNE PORTANT UN DETECTEUR A CAPACITE ELECTROSTATIQUE  
(71) AISIN SEIKI KABUSHIKI KAISHA [JP/JP]; 1, Asahi-machi 2-chome, Kariya-shi, Aichi, 4488650 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TSUKAHARA, Makoto [JP/JP]; 55-2, Shimokasu, Hitotsugi-cho, Kariya-shi, Aichi, 4480003 (JP). SAKAI, Toshihiko [JP/JP]; 1, Hinominami 4-chome, Gifu-shi, Gifu, 5008212 (JP). YAGI, Wataru [JP/JP]; 2-1-12-503, Tokugawa, Higashi-ku, Nagoya-shi, Aichi, 4610025 (JP). IEDA, Kiyokazu [JP/JP]; 4-124, Kitabayashi, Shinbayashi-cho, Chiryu-shi, Aichi, 4720017 (JP). MARUYAMA, Kota [JP/JP]; 5-1-3-703, Shinsakae-machi, Toyoake-shi, Aichi, 4701154 (JP).  
(74) OHKAWA, Hiroshi; 2-5, Meicki 3-chome, Nakamura-ku, Nagoya-shi, Aichi, 450-0002 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ
- CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01Q 9/28, 19/10  
(11) WO 2004/095637 (13) A1  
(21) PCT/IB2004/001675  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 2003-116664 22 Apr/avr 2003 JP  
(22.04.2003)  
(30) 10/448,953 30 May/mai 2003 US  
(30.05.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD AND APPARATUS FOR IMPROVING ANTENNA EFFICIENCY  
• PROCEDE ET APPAREIL POUR AMELIORER L'EFFICACITE D'UNE ANTENNE  
(71) COCOMO MB COMMUNICATIONS, INC. [JP/JP]; 3F Sakuradadori Building, 1-2-10, Toranomon, Minato-ku, Tokyo 105-0001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)  
(72) HAGIWARA, Yoshihiro; 3F Sakuradadori Building, 1-2-10, Toranomon, Minato-ku, Tokyo 105-0001 (JP).  
(only for / seulement pour US)  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (a)  
Declaration / Déclaration :  
(u) for / pour US only / seulement
- (51)<sup>7</sup> H01Q 9/30, 9/36  
(11) WO 2004/095638 (13) A1  
(21) PCT/JP2004/005693  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) ja (26) ja  
(30) 2003-116664 22 Apr/avr 2003 JP  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ANTENNA DEVICE  
• DISPOSITIF ANTENNE  
(71) COCOMO MB COMMUNICATIONS, INC. [JP/JP]; Sakurada-dori Building 3F, 1-2-10, Toranomon, Minato-ku, Tokyo 1050001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) HAGIWARA, Yoshihiro [JP/JP]; c/o Cocomo Mb Communications, Inc., Sakurada-dori Building 3F, 1-2-10, Toranomon,
- (51)<sup>7</sup> H01Q 1/36, 1/38, 1/32, 1/12, 21/28  
(11) WO 2004/095635 (13) A1  
(21) PCT/EP2004/004333  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en  
(30) 10/422,578 24 Apr/avr 2003 US  
(24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ANTENNA SYSTEM FOR A MOTOR VEHICLE  
• SYSTEME D'ANTENNE POUR UN VEHICULE AUTOMOBILE  
(71) ADVANCED AUTOMOTIVE ANTENNAS, S.L. [ES/ES]; Poligono Industrial Can Magarola, Carretera C17, Km 13, E-08100 Mollet del Valles (ES).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANGUERA-PROS, Jaume [ES/ES]; Paseo Blasco Ibanez, 15; 2, E-12500 Vinaros (ES). MARTINEZ-ORTIGOSA, Enrique [ES/ES]; Av. Josep Tarradellas i Joan, 223; 2-1, E-08901 Hospitalet del Llobregat (ES). PUENTE-BALIARDA, Carles [ES/ES]; C/Londres, 57; 4-2, E-08036 Barcelona (ES). ROZAN, Edouard [FR/ES]; C/Loreto, 13-B; Entlo-3, E-08029 Barcelona (ES).



- Minato-ku, Tokyo 1050001 (JP). **SHIMIZU, Kosaku** [JP/JP]; c/o Cocomo Mb Communications, Inc., Sakurada-dori Building 3F, 1-2-10, Toranomon, Minato-ku, Tokyo 1050001 (JP). **KATO, Katsumi** [JP/JP]; c/o Cocomo Mb Communications, Inc., Sakurada-dori Building 3F, 1-2-10, Toranomon, Minato-ku, Tokyo 1050001 (JP). **HAGIWARA, Ipppei** [JP/JP]; c/o Cocomo Mb Communications, Inc., Sakurada-dori Building 3F, 1-2-10, Toranomon, Minato-ku, Tokyo 1050001 (JP). **KOBAYASHI, Kenji** [JP/JP]; c/o Cocomo Mb Communications, Inc., Sakurada-dori Building 3F, 1-2-10, Toranomon, Minato-ku, Tokyo 1050001 (JP).
- (74) **HAYASHI, Keisuke et al.** / etc.; Towa Jiyuugaoka Corp. 105, 16-24, Jiyuugaoka 2-chome, Meguro-ku, Tokyo 1520035 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01R
- (11) **WO 2004/095640** (13) A2
- (21) PCT/US2004/012103
- (22) **19 Apr/avr 2004 (19.04.2004)**
- (25) en (26) en
- (30) 10/418,345 **18 Apr/avr 2003 US (18.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **DOUBLE MALE TWO-PRONG ELECTRICAL CONNECTOR APPARATUS**
- **CONNECTEUR ELECTRIQUE DOUBLE MALE A DEUX BROCHES**
- (71) **OOPS-OOPS, INC.** [US/US]; 103 East Meyer Boulevard, Kansas City, MO 64113 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **REID, Gerogianna** [US/US]; 103 East Meyer Boulevard, Kansas City, MO 64113 (US).
- (74) **COLLINS, John, M.**; Hovey Williams LLP, 2405 Grand Boulevard, Suite 400, Kansas City, MO 64108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01Q 13/08
- (11) **WO 2004/095639** (13) A1
- (21) PCT/JP2004/005880
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) ja (26) ja
- (30) 2003-119944 **24 Apr/avr 2003 JP (24.04.2003)**
- (30) 2003-285224 **1 Aug/août 2003 JP (01.08.2003)**
- (30) 2004-065647 **9 Mar/mar 2004 JP (09.03.2004)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **ANTENNA DEVICE**
- **DISPOSITIF D'ANTENNE**
- (71) **ASAHI GLASS COMPANY, LIMITED** [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 1008405 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TAKEUCHI, Shoichi** [JP/JP]; c/o Asahi Glass Company, Limited, 426-1, Azakosawaehara, Sumida, Aikawa-machi, Aiko-gun, Kanagawa 2430301 (JP). **HAYAKAWA, Hiroyuki** [JP/JP]; c/o Asahi Glass Company, Limited, 426-1, Azakosawaehara, Sumida, Aikawa-machi, Aiko-gun, Kanagawa 2430301 (JP). **OSADA, Koichi** [JP/JP]; c/o Asahi Glass Company, Limited, 426-1, Azakosawaehara, Sumida, Aikawa-machi, Aiko-gun, Kanagawa 2430301 (JP). **SONODA, Ryuta** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 2218755 (JP).
- (74) **SENMYO, Kenji et al.** / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 1010042 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01R
- (11) **WO 2004/095641** (13) A2
- (21) PCT/US2004/003740
- (22) **9 Feb/fév 2004 (09.02.2004)**
- (25) en (26) en
- (30) 10/406,741 **3 Apr/avr 2003 US (03.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **COMPRESSION-TYPE HARD-LINE CONNECTOR**
- **CONNECTEUR DE COURANT DE SECTEUR DE TYPE A COMPRESSION**
- (71) **JOHN MEZZALINGUA ASSOCIATES, INC.** [US/US]; 6176 East Molloy Road, East Syracuse, NY 13057 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72) **MONTENA, Noah**; 124 Buckingham Avenue, Syracuse, NY 13210 (US). **PURDY, Eric, J.**; 144 County Route 23A, Constantia, NY 13044 (US).
- (74) **PASTEL, Christopher, R.**; Hancock & Estabrook, LLP, 1500 Mony Tower 1, P.O. Box 4976, Syracuse, NY 13221-4976 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01R
- (11) **WO 2004/095642** (13) A2
- (21) PCT/US2004/007189
- (22) **8 Mar/mar 2004 (08.03.2004)**
- (25) en (26) en
- (30) 10/401,319 **26 Mar/mar 2003 US (26.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • **ELECTRICAL CONNECTOR HAVING CONNECTOR POSITION ASSURANCE MEMBER**
- **CONNECTEUR ELECTRIQUE COMPRENANT UN ORGANE QUI GARANTIT LA POSITION DU CONNECTEUR**
- (71) **FCI AMERICAS TECHNOLOGY, INC.** [US/US]; One East First Street, Reno, NV 89501 (US).  
*(only for / seulement pour AG BB BR BZ CA CO CR CU DM EC GD LC MX NI TT VC)*
- (71) **FCI [FR/FR]**; 145/147 rue Yves Le Coz, 78000 Versailles (FR).  
*(for all designated States except / pour tous les États désignés sauf AG BB BR CA CO CR CU DM EC GD LC MX NI US VC)*
- (72) **SEMINARA, Phillip, G.**; 903 Warren Avenue, Niles, OH 44446 (US). **LYONS, William, R.**; 28458 Tavistock Trail, Southfield, MI 48034 (US). **BROWN, Cecil**; 12762 Marlowe Street, Detroit, MI 48227 (US).
- (74) **HARRINGTON, Mark, F.**; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484-6212 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01R 3/08  
(11) WO 2004/095643 (13) A2  
(21) PCT/US2004/006727  
(22) 4 Mar/mar 2004 (04.03.2004)  
(25) en (26) en  
(30) 10/405,508 2 Apr/avr 2003 US (02.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • NICKEL FOAM PIN CONNECTIONS FOR INERT ANODES  
• CONNEXIONS DE POINTES EN MOUSSE DE NICKEL POUR ANODES INERTES  
(71) ALCOA INC. [US/US]; Alcoa Corporate Center, 201 Isabella Street, Pittsburgh, PA 15212-5858 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) LATVAITIS, J. Dean [US/US]; 1417 Dunbarton Drive, Maryville, TN 37803-6738 (US). DUNLAP, Ronald M. [US/US]; 1012 Brackenridge Avenue, Brackenridge, PA 15014-1502 (US). BUTCHER, Kenneth [US/US]; 3561 Willow Creek Road, Hendersonville, NC 28739-9418 (US).  
(74) BEIRIGER, Tracey, D. et al. / etc.; Eckert Seamans Cherin & Mellott, LLC, Alcoa Technical Center, 100 Technical Drive, Alcoa Center, PA 15069-0001 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

- GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for all designations / pour toutes les désignations
- (51)<sup>7</sup> H01R 4/04, C09J 9/02, H05K 3/32  
(11) WO 2004/095644 (13) A1  
(21) PCT/US2004/006487  
(22) 3 Mar/mar 2004 (03.03.2004)  
(25) en (26) en  
(30) 10/411,163 10 Apr/avr 2003 US (10.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • DURABLE ELECTRONIC ASSEMBLY WITH CONDUCTIVE ADHESIVE  
• ASSEMBLAGE ELECTRONIQUE DURABLE COMPRENANT UN ADHESIF CONDUCTEUR  
(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
(72) DIVIGALPITIYA, Ranjith; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). KANNO, David A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). JANNIC, Patrice; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). ARNOLD, Christophe; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SABATIER, Richard; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). CONNELL, Glen; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
(74) HARTS, Dean M., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :**  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for all designations / pour toutes les désignations

- (51)<sup>7</sup> H01R 9/053  
(11) WO 2004/095645 (13) A1  
(21) PCT/US2004/008104  
(22) 16 Mar/mar 2004 (16.03.2004)  
(25) en (26) en  
(30) 2003-106832 10 Apr/avr 2003 JP (10.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • COAXIAL CABLE CONNECTOR, AND HARNESS UNIT THAT UTILIZES THE COAXIAL CABLE CONNECTOR  
• CONNECTEUR DE CABLE CO-AXIAL ET FAISCEAU UTILISANT CE CONNECTEUR DE CABLE CO-AXIAL  
(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) KAWATE, Yoshihisa [JP/JP]; 8-8, Minami Hashimoto, 3-chome, Sagamihara, Kanagawa 229-1185 (JP). MATSUOKA, Hiroyuki [JP/JP]; 8-8, Minami Hashimoto, 3-chome, Sagamihara, Kanagawa 229-1185 (JP).  
(74) FLORCZAK, Yen, T. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H01R 11/01, 43/00, H01B 13/00, C09D 5/23  
(11) WO 2004/095646 (13) A1  
(21) PCT/JP2004/005303  
(22) 14 Apr/avr 2004 (14.04.2004)  
(25) ja (26) ja  
(30) 2003-115737 21 Apr/avr 2003 JP (21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ANISOTROPIC CONDUCTIVE SHEET AND ITS MANUFACTURING METHOD, ADAPTOR DEVICE AND ITS MANUFACTURING METHOD, AND CIRCUIT DEVICE ELECTRIC TEST INSTRUMENT  
• FEUILLE CONDUCTRICE ANISOTROPE ET PROCEDE DE FABRICATION CORRESPONDANT, DISPOSITIF D'ADAPTATION ET PROCEDE DE FABRICATION CORRESPONDANT ET

INSTRUMENT D'ESSAI ELECTRIQUE  
DE DISPOSITIF DE CIRCUIT

(71) JSR CORPORATION [JP/JP]; 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo, 1040045 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KIMURA, Kiyoshi [JP/JP]; c/o JSR MICROTECH INC., 289-1, Yaenda, Hidaka-shi, Saitama, 3501236 (JP). HARA, Fujio [JP/JP]; c/o JSR MICROTECH INC., 289-1, Yaenda, Hidaka-shi, Saitama, 3501236 (JP).

(74) OHI, Masahiko; Eishin Bldg. 6-1, Kanda Ogawa-machi 3-chome, Chiyoda-ku, Tokyo, 1010052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01R 11/30

(11) WO 2004/095647 (13) A1

(21) PCT/KR2003/001142

(22) 10 Jun/juin 2003 (10.06.2003)

(25) ko (26) en

(30) 20-2003-0012334 22 Apr/avr 2003 KR (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SAFETY WIRE CONNECTOR

• CONNEXTEUR DE CABLES DE SECURITE

(71) TWINSAVER CO., LTD [KR/KR]; 1185 Siksa-Dong, Ilsan-Gu, 411-821 Goyang, Gyunggi (KR).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LEE, Kil Woo [KR/KR]; 2-111 Samsin Apartment, Sam-Dong, 437-040 Uiwang, Gyunggi (KR).

(74) PARK, Sungmin; Suite 2010 Sungji Heights No. 1, 702-13 Yoksam-Dong, Gangnam-Gu, Seoul 135-917 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01R 13/405

(11) WO 2004/095648 (13) A1

(21) PCT/US2004/008886

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03 2 44421.4 1 Apr/avr 2003 CN (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEMORY CARD CONNECTOR WITH IMPROVED TERMINAL RETENTION

• CONNEXTEUR DE CARTE A MEMOIRE A RETENTION DE BORNE AMELIOREE

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) YOU, Sun, Zhao [CN/CN]; 370-4-1404 Yinshan Road, Pudong Shanghai (CN).

(74) CALDWELL, Stacey, E.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> H01R 13/518, 12/20

(11) WO 2004/095649 (13) A1

(21) PCT/US2004/003437

(22) 6 Feb/fév 2004 (06.02.2004)

(25) en (26) en

(30) 10/393,503 19 Mar/mar 2003 US (19.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-STACK DESKTOP COMPUTER/SET-TOP BOX AUDIO CONNECTOR

• ORDINATEUR DE BUREAU/CONNEXTEUR AUDIO DE BOITIER DECODEUR EN PILES MULTIPLES

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) THOMAS, Gregory; 6315 SW Peyton Road, Portland, OR 97219 (US). STODDARD, Robert; 6530 SE Austin Drive, Hillsboro, OR 97123 (US). BURSEY, Joe; 2122 NE 2nd Avenue, Hillsboro, OR 97124 (US).

(74) AUYEUNG, Aloysius, T., C. et al. / etc.; SCHWABE WILLIAMSON & WYATT, Pacwest Center, Suite 1600-1900, 1211 SW 5th Avenue, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01R 13/633, G06K 13/08

(11) WO 2004/095650 (13) A2

(21) PCT/US2004/008528

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 118091/2003 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MEMORY CARD CONNECTOR WITH EJECTOR MECHANISM

• CONNEXTEUR DE CARTE MEMOIRE A MECANISME EJECTEUR

(71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MATSUKAWA, Jun [JP/JP]; Court-pal Kobayashi 307, 12-15 Chuo-rinkan 3-chome, Yamato-shi, Kanagawa 242-0007 (JP). TOMITA, Mitsuhiro [JP/JP]; 6-5-719 Nishi-tsuruma 3-chome, Yamato-shi, Kanagawa 242-0005 (JP).

(74) CALDWELL, Stacey, E.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01R 13/658

(11) WO 2004/095651 (13) A1

(21) PCT/JP2003/012030

(22) 19 Sep/sep 2003 (19.09.2003)

(25) ja (26) ja

(30) 2003-119558 24 Apr/avr 2003 JP (24.04.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ELECTRIC CONNECTOR AND PAIRED CONTACT  
• CONNECTEUR ELECTRIQUE ET CONTACT ASSOCIE
- (71) HONDA TSUSHIN KOGYO CO., LTD. [JP/JP]; 6-18-12, Meguro-honcho, Meguro-ku, Tokyo 152-0002 (JP).
- (72) OHNISHI, Koji; c/o HONDA TSUSHIN KOGYO CO., LTD., 6-18-12, Meguro-honcho, Meguro-ku, Tokyo 152-0002 (JP). MATSUE, Masahiko; c/o HONDA TSUSHIN KOGYO CO., LTD., 6-18-12, Meguro-honcho, Meguro-ku, Tokyo 152-0002 (JP).
- (74) SASAKI, Isao et al. / etc.; SASAKI, KAWAMURA & ASSOCIATES, Toranomon Sangyo Bldg. 6F, 2-29, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01R 17/12, 13/40
- (11) WO 2004/095652 (13) A1
- (21) PCT/US2004/011526
- (22) 15 Apr/avr 2004 (15.04.2004)
- (25) en (26) en
- (30) 03 2 56509.7 18 Apr/avr 2003 CN (18.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • COAXIAL ELECTRICAL CONNECTOR  
• CONNECTEUR ELECTRIQUE CO-AXIAL
- (71) MOLEX INCORPORATED [US/US]; 2222 Wellington Court, Lisle, IL 60532 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WU, Yajun [CN/CN]; 3-702 Zhong Xingyuan, Wuxi Jiangsu Province (CN). MA, Xuedong [CN/CN]; 8-307 Haifeng Apartment Haifeng Road, Kunshan Jiangsu Province (CN).
- (74) WEISS, Stephen, Z.; Molex Incorporated, 2222 Wellington Court, Lisle, IL 60532 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01S 3/00
- (11) WO 2004/095654 (13) A2
- (21) PCT/US2004/008320
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/461,733 9 Apr/avr 2003 US (09.04.2003)
- (30) 10/772,051 4 Feb/fév 2004 US (04.02.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ADJUSTABLE POWER CONTROL FOR LASER DRIVERS AND LASER DIODES  
• REGULATION DE LA PUISSANCE DANS DES CIRCUITS DE COMMANDE DE LASERS ET DES DIODES LASERS
- (71) ELANTEC SEMICONDUCTOR INC. [US/US]; 675 Trade Zone Boulevard, Milpitas, California 95035 (US).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FAIRGRIEVE, Alexander [GB/US]; 835 Sharon Park Drive, Menlo Park, California 94025 (US).
- (74) FLIESLER, Martin, C. et al. / etc.; FLIESLER MEYER LLP, Four Embarcadero Center, Fourth Floor, San Francisco, California 94111-4156 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H01S 3/067
- (11) WO 2004/095655 (13) A1
- (21) PCT/US2004/008097
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) en (26) en
- (30) 60/459,842 1 Apr/avr 2003 US (01.04.2003)
- (30) 10/755,009 8 Jan/jan 2004 US (08.01.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • REDUCED CLAD DIAMETER RARE EARTH DOPED FIBER COILS AND OPTICAL AMPLIFIERS UTILIZING SUCH COILS  
• BOBINES DE FIBRES DOPEES AUX TERRES RARES A DIAMETRE DE GAINÉ REDUIT ET AMPLIFICATEURS OPTIQUES UTILISANT CELLES-CI
- (71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WOOD, William, A. [US/US]; 240 West Water Street, Painted Post, NY 14870 (US).
- (74) SHORT, Svetlana, Z.; Corning Incorporated, Patent Department, SP-TI-3-1, Corning, NY 14831 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01S 3/08, B32B 9/00, 19/00  
(11) WO 2004/095656 (13) A1  
(21) PCT/US2004/008910  
(22) 23 Mar/mar 2004 (23.03.2004)  
(25) en (26) en  
(30) 60/462,518 11 Apr/avr 2003 US  
(11.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • COATED OPTICS TO IMPROVE DURABILITY  
• DISPOSITIFS OPTIQUES REVETUS PRESENTANT UNE DURABILITE AMELIOREE  
(71) CORNING INCORPORATED [—/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAIER, Robert L [US/US]; 7147 Lakeside Road, Ontario, NY 14519 (US). THEN, Paul M [US/US]; 6712 Song Hill Road, Victor, NY 14564 (US). SPARROW, Robert W [GB/US]; 28 Woodlawn Drive, Sturbridge, MA 01566 (US).

(74) DOUGLAS, Walter M; Corning Incorporated, SP-TI-3-1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01S 3/0941, 3/117  
(11) WO 2004/095657 (13) A1  
(21) PCT/US2004/008524  
(22) 19 Mar/mar 2004 (19.03.2004)  
(25) en (26) en  
(30) 10/413,103 14 Apr/avr 2003 US  
(14.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • Q-SWITCHING METHOD FOR PULSE TRAIN GENERATION BY INTERRUPTING CW OPERATION OF THE LASER FOR ADJUSTABLE TIME PERIODS  
• PROCEDE DE FONCTIONNEMENT EN MODE DECLENCHE POUR GENERER DES TRAINS D'IMPULSIONS PAR INTERRUPTION DU REGIME D'ONDES ENTRETENUES DU LASER PENDANT DES PERIODES VARIABLES  
(71) COHERENT, INC. [US/US]; 5100 Patrick Henry Drive, Santa Clara, CA 95054 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) WANG, Charles, X.; 1654 Parkview Green Circle, San Jose, CA 95131 (US).

(74) STALLMAN, Michael, A. et al. / etc.; Stallman & Pollock LLP, 353 Sacramento Street, Suite 2200, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)<sup>7</sup> H01S 3/097, H05G 1/00, H01J 1/00  
(11) WO 2004/095658 (13) A2  
(21) PCT/FR2004/000557

(22) 9 Mar/mar 2004 (09.03.2004)  
(25) fr (26) fr  
(30) 03/04355 8 Apr/avr 2003 FR  
(08.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTROL OF THE SPATIO-TEMPORAL UNIFORMITY OF A PULSED GAS LASER BEAM  
• CONTROLE DE L'UNIFORMITE SPATIO-TEMPORELLE DU FAISCEAU D'UN LASER A GAZ PULSE  
(71) SOCIETE DE PRODUCTION ET DE RECHERCHES APPLIQUEES (S.O.P.R.A) [FR/FR]; 20, rue Pierre Joigneaux, F-92270 Bois Colombes (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAKAROV, Maxime [RU/FR]; Clos St Vigor, Bât. 2, Appt. 117, F-78220 Viroflay (FR). STEHLE, Marc [FR/FR]; 5, rue Banes, F-92190 Meudon (FR).

(74) PLACAIS, Jean-Yves; Cabinet Netter, 36, avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01S 3/10, G08B 13/18  
(11) WO 2004/095659 (13) A1  
(21) PCT/KR2004/000940

(22) 23 Apr/avr 2004 (23.04.2004)  
(25) ko (26) en  
(30) 10-2003-0025852 23 Apr/avr 2003 KR  
(23.04.2003)  
(30) 10-2003-0033625 27 May/mai 2003 KR  
(27.05.2003)  
(30) 10-2003-0048207 15 Jul/juil 2003 KR  
(15.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • DEVICE FOR GENERATING PLANE BEAM/CONICAL SHAPE BEAM AND SECURITY DEVICE USING GENERATED PLANE BEAM/CONE BEAM  
• DISPOSITIF PERMETTANT DE GENERER UN FAISCEAU PLAN OU UN FAISCEAU CONIQUE ET SYSTEME DE SECURITE UTILISANT LE FAISCEAU PLAN OU LE FAISCEAU CONIQUE GENERE

(71) KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; 373-1, Gusung-Dong, Yuseong-Gu, Daejeon 305-701 (KR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KONG, Hong Jin [KR/KR]; 107-402, Hanbit-Apt., Oeun-Dong, Yuseong-Gu, Daejeon 305-755 (KR). CHA, Youn Sun [KR/KR]; 313-4, Jipyung 4 Ri, Jije-myun, Yangpyung-Gun, Kyunggi-Do 476-874 (KR). CHOI, Jin [KR/KR]; 6-102 Misung-Apt., Bookkwang-Dong, Eunpyung-Gu, Seoul 122-040 (KR). PARK, Young Ho [KR/KR]; 136-24 Moonjung-Dong, Songpa-Gu, Seoul 138-200 (KR). SHIN, Jae Sung [KR/KR]; 373-1 Gusung-Dong, Yuseong-Gu, Daejeon 305-701 (KR).

(74) LEE, Jae Kab; 4th Floor, Kyoung Sung Bldg., 641 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01S 3/109, 3/042  
(11) WO 2004/095660 (13) A1  
(21) PCT/IB2004/001197

(22) 21 Apr/avr 2004 (21.04.2004)  
(25) it (26) en  
(30) TO2003A000317 23 Apr/avr 2003 IT  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • LASER APPARATUS FOR GENERATING A VISIBLE LASER BEAM  
• APPAREIL LASER PERMETTANT DE PRODUIRE UN FAISCEAU LASER VISIBLE

(71) **BRIGHT SOLUTIONS - SOLUZIONI LASER INNOVATIVE SRL** [IT/IT]; Strada Paiola, 3, I-27010 Cura Carpignano (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DELL'ACQUA, Stefano** [IT/IT]; c/o Bright Solutions Soluzioni Laser Innovative Sr, I, Strada Paiola, 3, I-27010 Cura Carpignano (IT). **PICCINNO, Giuliano** [IT/IT]; c/o Bright Solutions Soluzioni Laser Innovative Sr, I, Strada Paiola, 3, I-27010 Cura Carpignano (IT).

(74) **NOTARO, Giancarlo et al.** / etc.; Buzzi, Notaro & Antonielli d'Oulx Srl, Via Maria Vittoria, 18, I-10123 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H01S 3/23, 3/223, H01L 21/027, G03F 7/20

(11) WO 2004/095661 (13) A1

(21) PCT/JP2004/005490

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

(30) 2003-116924 22 Apr/avr 2003 JP (22.04.2003)

(30) 2003-298286 22 Aug/août 2003 JP (22.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • 2-STAGE LASER DEVICE FOR EXPOSURE  
• DISPOSITIF LASER A 2 ETAGES POUR EXPOSITION

(71) **KOMATSU LTD.** [JP/JP]; 3-6, Akasaka 2-chome, Minato-Ku, Tokyo 1078414 (JP). **GIGAPHOTON INC.** [JP/JP]; 6-1, Otemachi 2-chome, Chiyoda-Ku, Tokyo 1000004 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WAKABAYASHI, Osamu** [JP/JP]; c/o KOMATSU LTD., 1200, Manda, Hiratsuka-shi, Kanagawa 2548567 (JP). **ARIGA, Tatsuya** [JP/JP]; c/o KOMATSU LTD., 1200, Manda, Hiratsuka-shi, Kanagawa 2548567 (JP). **KUMAZAKI, Takahito** [JP/JP]; c/o KOMATSU LTD., 1200, Manda, Hiratsuka-shi, Kanagawa 2548567 (JP). **SASANO, Kotaro** [JP/JP]; c/o KOMATSU LTD., 1200, Manda, Hiratsuka-shi, Kanagawa 2548567 (JP).

(74) **NIRASAWA, Hiroshi et al.** / etc.; AZUSA PATENT OFFICE, Ueno-Suzuki Bldg. 7th Floor, 16-3, Ueno 3-chome, Taito-Ku, Tokyo 1100005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H01S 5/00

(11) WO 2004/095662 (13) A2

(21) PCT/GB2004/001727

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 0309228.5 23 Apr/avr 2003 GB (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BANDGAP ENGINEERING  
• INGENIERIE DE STRUCTURE DE BANDE

(71) **DENSELIGHT SEMICONDUCTORS PTE LTD** [SG/SG]; 6 Changi North Street 2, Changi North Industrial Estate, Singapore 498831 (SG). *(for all designated States except / pour tous les États désignés sauf US)*

(71) **FINNIE, Peter, John** [GB/GB]; Broadgate House, Eldon Street, London EC2M 7LH (GB). *(only for / seulement pour MN)*

(72, 75) **LAM, Yee, Loy** [SG/SG]; Block 271, Choa Chu Kang Ave 2, #14-261, Singapore 680271 (SG). **CHAN, Yuen, Chuen** [SG/SG]; 6 Dover Rise, #15-02, Singapore 138678 (SG).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7HL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01S 5/022

(11) WO 2004/095663 (13) A1

(21) PCT/JP2004/005857

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-120375 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SEMICONDUCTOR LASER DEVICE  
• DISPOSITIF LASER A SEMI-CONDUCTEURS

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanhondori 2-Chome, Moriguchi-Shi, Osaka 570-0083 (JP). **TOTTORI SANYO ELECTRIC CO., LTD.** [JP/JP]; 201, Minamiyoshikata 3-Chome, Tottori-Shi, Tottori 680-8634 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WATANABE, Masashi** [JP/JP]; c/o Tottori Sanyo Electric Co., LTD., 201, Minamiyoshikata 3-Chome, Tottori-Shi, Tottori 680-8634 (JP). **HONDA, Shoji** [JP/JP]; c/o Tottori Sanyo Electric Co., LTD., 201, Minamiyoshikata 3-Chome, Tottori-Shi, Tottori 680-8634 (JP). **IWAMURA, Yasuhiro** [JP/JP]; c/o Tottori Sanyo Electric Co., LTD., 201, Minamiyoshikata 3-Chome, Tottori-Shi, Tottori 680-8634 (JP). **SHIMIZU, Gen** [JP/JP]; c/o Tottori Sanyo Electric Co., LTD., 201, Minamiyoshikata 3-Chome, Tottori-Shi, Tottori 680-8634 (JP). **INOUE, Tetsuro** [JP/JP]; c/o Tottori Sanyo Electric Co., LTD., 201, Minamiyoshikata 3-Chome, Tottori-Shi, Tottori 680-8634 (JP).

(74) **INOUE, Atsushi et al.** / etc.; 5F, Tenmabashi-Yachiyo Bldg. Bekkan, 2-6, Tenmabashi-kyomachi, Chuo-Ku, Osaka-Shi, Osaka 540-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H01S 5/042

(11) WO 2004/095664 (13) A1

(21) PCT/US2004/008318

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/461,454 9 Apr/avr 2003 US (09.04.2003)

(30) 10/771,197 3 Feb/fév 2004 US (03.02.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROGRAMMABLE DAMPING RESISTANCE FOR LASER DRIVERS  
• RESISTANCE D'AMORTISSEMENT PROGRAMMABLE POUR CIRCUIT DE COMMANDE DE LASERS

(71) **ELANTEC SEMICONDUCTOR INC.** [US/US]; 675 Trade Zone Boulevard, Milpitas, California 95035 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) FAIRGRIEVE, Alexander [GB/US]; 835 Sharon Park Drive, Menlo Park, California 94025 (US).

(74) FLIESLER, Martin, C. et al. / etc.; FLIESLER MEYER LLP, Four Embarcadero Center, Fourth Floor, San Francisco, California 94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51) H01T 23/00

(11) WO 2004/095665 (13) A1

(21) PCT/CN2003/000439

(22) 5 Jun/juin 2003 (05.06.2003)

(25) zh (26) zh

(30) 03114683.X 24 Apr/avr 2003 CN (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ANION GENERATOR  
• GENERATEUR D'ANIONS

(71) XI'AN H-LEADER NEGATIVE ION TECHNOLOGY CO., LTD. [CN/CN]; No.40, Gaoxin Liulu, Xi An, Shanxi 710065 (CN).

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(72, 75) CHEN, Yaogang [CN/CN]; No.40, Gaoxin Liulu, Xi An, Shanxi 710065 (CN). HOU, Zhijun [CN/CN]; No.40, Gaoxin Liulu, Xi An, Shanxi 710065 (CN).

(74) BEIJING BEIXIN-ZHICHENG INTELLECTUAL PROPERTY AGENT CO., LTD; No.16, Xizhimen Nandajie, Xicheng District, Beijing 100035 (CN).

(81) AE (Utility model / modèle d'utilité) AG AL (Utility model / modèle d'utilité) AM (Utility model / modèle d'utilité) AT (Utility model / modèle d'utilité) AU AZ (Utility model / modèle d'utilité) BA BB BG (Utility model / modèle d'utilité) BR (Utility model /

modèle d'utilité) BY (Utility model / modèle d'utilité) BZ (Utility model / modèle d'utilité) CA CH CN (Utility model / modèle d'utilité) CO (Utility model / modèle d'utilité) CR (Utility model / modèle d'utilité) CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC (Utility model / modèle d'utilité) EE (Utility model / modèle d'utilité) EE ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) FI GB GD GE (Utility model / modèle d'utilité) GH GM HR HU (Utility model / modèle d'utilité) ID IL IN IS JP (Utility model / modèle d'utilité) KE (Utility model / modèle d'utilité) KG (Utility model / modèle d'utilité) KP KR (Utility model / modèle d'utilité) KZ (Utility model / modèle d'utilité) LC LK LR LS (Utility model / modèle d'utilité) LT LU LV MA MD (Utility model / modèle d'utilité) MG MK MN MW MX (Utility model / modèle d'utilité) MZ (Utility model / modèle d'utilité) NI NO NZ OM PH (Utility model / modèle d'utilité) PL (Utility model / modèle d'utilité) PT (Utility model / modèle d'utilité) RO RU (Utility model / modèle d'utilité) SC SD SE SG SK (Utility model / modèle d'utilité) SK SL (Utility model / modèle d'utilité) TJ (Utility model / modèle d'utilité) TM TN TR (Utility model / modèle d'utilité) TT TZ UA (Utility model / modèle d'utilité) UG US UZ (Utility model / modèle d'utilité) VC VN YU ZA ZM ZW.

(84) AP (Utility model / modèle d'utilité) (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (Utility model / modèle d'utilité) (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02G 11/00, G02B 6/44, A61M 25/02

(11) WO 2004/095666 (13) A1

(21) PCT/DK2004/000275

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) PA 2003 00611 23 Apr/avr 2003 DK (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A DEVICE FOR SUPPORTING AND STABILISING A TUBING, A WIRE AND/OR A LIGHT WAVE GUIDE

• DISPOSITIF DESTINE A SUPPORTER ET A STABILISER UNE TUBULURE, UN CABLE ET/OU UN GUIDE D'ONDE LUMINEUSE

(71) NOVARIX LTD. [GB/GB]; Oxford Centre for Innovation, Mill Street, Oxford, OX2 0JX (GB).

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(72, 75) KAGENOW, Lise [DK/GB]; Lauderdale House, Suite 6, 55 Queen Anne Street, London W1G 9JR (GB).

(74) HØIBERG A/S; St. Kongensgade 59A, DK-1264 Copenhagen K (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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#### Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H02H 3/04

(11) WO 2004/095667 (13) A1

(21) PCT/DK2004/000271

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) PA 2003 00598 22 Apr/avr 2003 DK (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ELECTRONIC CIRCUIT BREAKER  
• COUPE-CIRCUIT ELECTRONIQUE

(71) BANSIK APS [DK/DK]; Indelukket 29, DK-2900 Hellerup (DK).

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(72) ANDERSEN, Kim, Arthur, Stück; Blålersvej 62, DK-2990 Nivå (DK). LAURSEN, Kenneth; Spergelmarken 9, DK-2860 Søborg (DK).

(72, 75) WINTHER, Troels; Indelukket 29, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

#### Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H02J

(11) WO 2004/095668 (13) A2

(21) PCT/US2004/010963

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,646 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISCHARGE LAMP LIGHTING CONTROL DEVICE

- DISPOSITIF DE COMMANDE D'ECLAIRAGE DE LAMPE A DECHARGE

(71) MATSUSHITA ELECTRIC WORKS, LTD. [JP/JP]; Intellectual Property Rights Center, 1048, Kadoma, Osaka, Osaka 571-8686 (JP). VIRGINIA TECH INTELLECTUAL PROPERTIES, INC. [US/US]; 1872 Pratt Drive, Suite 1625, Blacksburg, VA 24060 (US).

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(72, 75) LEE, Fred, C. [US/US]; 2909 Stradford Lane, Blacksburg, VA 24060 (US). ZHOU, Jinghai [CN/US]; 1224 University City Blvd., Apt. D-45, Blacksburg, VA 24060 (US). JIANG, Yan [CN/US]; 1210 University City Blvd., Apt. J-114, Blacksburg, VA 24060 (US). OKAWA, Masanao [JP/US]; 51 Cedar Street, Apt. 4301, Woburn, MA 01801 (US). TRAN, Dung, A. [CA/US]; 95 Audubon Road, Wakefield, MA 01880 (US). ERIGUCHI, Hiroyasu [JP/US]; 53 Asbury Street, Lexington, MA 02421 (US).

(74) BERNSTEIN, Bruce, H. et al. / etc.; 1950 Roland Clarke Place, Reston, VA 20191 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02J

(11) WO 2004/095669 (13) A2

(21) PCT/US2004/007751

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/397,000 25 Mar/mar 2003 US  
(25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CLAD METALLIC BIPOLAR PLATES AND ELECTRICITY-PRODUCING SYSTEMS AND FUEL CELLS USING THE SAME

- PLAQUES BIPOLAIRES METALLIQUES ENROBEE, SYSTEMES DE PRODUCTION D'ELECTRICITE ET PILES A COMBUSTIBLES UTILISANT CES PLAQUES

(71) TECHNICAL MATERIALS, INC. [US/US]; Five Wellington Road, Lincoln, RI 02865 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72) KAISER, Joseph, G.; 22 Anchorage Way, Barrington, RI 02806 (US). WILLIS, Robert, P.; 10 Fox Drive, Lincoln, RI 02865 (US).

(74) HARTNELL, George, W., III et al. / etc.; Edwards &amp; Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02J

(11) WO 2004/095670 (13) A2

(21) PCT/US2004/008246

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/401,463 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM FOR CURRENT SHARING AMONG A PLURALITY OF POWER MODULES

- PROCEDE ET SYSTEME DE PARTAGE DE COURANT ENTRE UNE PLURALITE DE MODULES D'ALIMENTATION

(71) POWER-ONE LIMITED; P. O. Box 31106 SMB., Corporate Centre, West Bay Road, Grand Cayman (KY).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MILAVEC, Johann, Ferdinand [AT/CH]; Joggelacker 18, 5210 Windisch, CH- (CH). CHAPUIS, Alain [CH/US]; 14495 Shadowlane Court, Morgan Hill, CA 95037 (US).

(74) BERLINER, Brian, M.; O'MELVENY &amp; MYERS LLP, 400 South Hope Street, Los Angeles, CA 90071-2899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02J 7/14

(11) WO 2004/095671 (13) A2

(21) PCT/EP2004/002811

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 18 494.5 24 Apr/avr 2003 DE  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POWER SUPPLY SYSTEM FOR A VEHICLE

- SYSTEME D'ALIMENTATION EN ENERGIE CONÇU POUR UN VEHICULE

(71) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130, 80809 München (DE).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) KRANZ, Herbert [DE/DE]; Holzhauserstrasse 2, 86919 Utting (DE).

(74) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT; Patentabteilung AJ-3, 80788 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02K

(11) WO 2004/095672 (13) A2

(21) PCT/US2004/002642

(22) 2 Feb/fév 2004 (02.02.2004)

(25) en (26) en

(30) 10/418,463 18 Apr/avr 2003 US  
(18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONSTANT FORCE BRUSH CARTRIDGE HOLDER

- PORTE-BALAI A CARTOUCHE A FORCE CONSTANTE

(71) PHOENIX ELECTRIC MANUFACTURING CO. [US/US]; 3625 N Halsted Street, Chicago, IL 60613 (US).

*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) AGUAYO, Alex [MX/US]; 8526 Crawford, Skokie, IL 60076 (US). BANK, John [US/US]; 4312 N. Greenview Ave., Chicago, IL 60613 (US). BANK, Doug [US/US]; 3618 N. Wayne, Chicago, IL 60613 (US).

(74) SACHAROFF, Adam et al. / etc.; 191 N. Wacker Drive, Suite 1800, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE



DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02K 7/02, A63B 71/06

(11) WO 2004/095673 (13) A1

(21) PCT/JP2004/005505

(22) 16 Apr/avr 2004 (16.04.2004)

(25) ja (26) ja

(30) 2003-115460 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOTION AMOUNT CONVERTING BAND

• BANDE DE CONVERSION DE PUISSANCE DE MOUVEMENT

(71, 72) OSHIO, Kozo [JP/JP]; 25-3-305, Chuo-rinkan 4-chome, Yamato-shi, Kanagawa, 242-0007 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/GB2004/001669

(22) 15 Apr/avr 2004 (15.04.2004)

(25) en (26) en

(30) 0308824.2 16 Apr/avr 2003 GB (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PEDAL GENERATOR

• GENERATEUR A PEDALE

(71) FREEPLAY MARKET DEVELOPMENT LIMITED [GB/GB]; 2 Stone Buildings, Lincoln's Inn, London WC2A 3TH (GB).

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(72, 75) HUTCHINSON, John, Edward [GB/GB]; c/o Freeplay Market Development Limited, 3rd Floor, 56-58 Conduit Street, London W1R 9FD (GB). BECKER,

Pierre [GB/GB]; c/o Freeplay Market Development Limited, 3rd Floor, 56-58 Conduit Street, London W1R 9FD (GB).

(74) BERESFORD & CO; 16 High Holborn, London WC1V 6BX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02K 11/00, 7/116

(11) WO 2004/095675 (13) A1

(21) PCT/DE2004/000356

(22) 26 Feb/fév 2004 (26.02.2004)

(25) de (26) de

(30) 103 18 062.1 17 Apr/avr 2003 DE (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GEARING DRIVE UNIT COMPRISING AN ELECTRONICS INTERFACE

• UNITE D'ENTRAÎNEMENT PAR ENGRENAGES COMPORTANT UNE INTERFACE ELECTRONIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUCK, Thomas [DE/DE]; Nelkenstrasse 32, 77836 Rheinmuenster (DE). OBERLE, Klaus [DE/DE]; Schoferstrasse 7A, 77830 Buehlertal (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H02K 15/02

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(21) PCT/JP2004/004733

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-114548 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOTOR PRODUCTION LINE AND METHOD OF CONTROLLING THE SAME

• CHAÎNE DE PRODUCTION DE MOTEURS ET PROCÉDE POUR COMMANDER CETTE DERNIÈRE

(71) AISIN AW CO. LTD. [JP/JP]; 10, Takane, Fujii-cho, Anjo-shi, Aichi, 4441192 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWASAKI, Yoshiyuki [JP/JP]; c/o AISIN AW CO., LTD. 10, Takane, Fujii-cho, Anjo-shi, Aichi, 4441192 (JP). KUROY-ANAGI, Tooru [JP/JP]; c/o AISIN AW CO., LTD. 10, Takane, Fujii-cho, Anjo-shi, Aichi, 4441192 (JP). YOKOYAMA, Takeshi [JP/JP]; c/o AISIN AW CO., LTD. 10, Takane, Fujii-cho, Anjo-shi, Aichi, 4441192 (JP).

(74) TAKAHASHI, Yoshiyasu et al. / etc.; Meieki Nagata Building, 26-19, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi, 4500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H02K 15/02

(11) WO 2004/095677 (13) A1

(21) PCT/JP2004/005307

(22) 14 Apr/avr 2004 (14.04.2004)

(25) ja (26) ja

(30) 2003-118562 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SKEW SHAPE VARIABLE LAMINATED IRON CORE AND METHOD OF PRODUCING THE SAME

• NOYAU DE FER LAMINE A FORME OBLIQUE VARIABLE ET PROCÉDE DE FABRICATION CORRESPONDANT

(71) MITSUI HIGH-TEC. INC. [JP/JP]; 10-1, Komine 2-chome, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-8588 (JP).

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(72, 75) FUJITA, Katsufusa [JP/JP]; c/o Mitsui High-tec. Inc., 10-1, Komine 2-chome, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-8588 (JP).

(74) MIYAKOSHI, Noriaki; Shin-ei Patent Office, 12th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H02K 15/04

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(21) PCT/JP2004/005650

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-116222 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COIL FORMING AND INSERTING DEVICE AND COIL FORMING AND INSERTING METHOD

• DISPOSITIF DE FORMATION ET D'INSERTION DE BOBINE ET PROCÉDE DE FORMATION ET D'INSERTION DE BOBINE

(71) AISIN AW CO., LTD. [JP/JP]; 10, Takane, Fujii-cho, Anjo-shi, Aichi 4441192 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIMOTO, Shingo [JP/JP]; c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi 4441192 (JP). KUROYO-ANAGI, Tooru [JP/JP]; c/o AISIN AW CO., LTD., 10, Takane, Fujii-cho, Anjo-shi, Aichi 4441192 (JP).

(74) TAKAHASHI, Yoshiyasu et al. / etc.; Meieki Nagata Building, 26-19, Meieki 3-chome, Nakamura-ku, Nagoya-shi, Aichi 4500002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H02K 21/14, 21/04, 1/27

(11) WO 2004/095679 (13) A1

(21) PCT/US2004/006576

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 10/400,966 27 Mar/mar 2003 US (27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MODULAR FLUX CONTROLLABLE PERMANENT MAGNET DYNAMO-ELECTRIC MACHINE

• MACHINE DYNAMO-ELECTRIQUE MODULAIRE A AIMANTS PERMANENTS ET A FLUX REGULABLE

(71) EMERSON ELECTRIC CO. [US/US]; 8000 W. Florissant Avenue, St. Louis, MO 63136 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) HORST, Gary, E.; 618 Crofton Circle Court, Manchester, MO 63021 (US).

(74) MCDERMOTT, Sean, P.; Howrey Simon Arnold & White LLP, 750 Bering Dr., Houston, TX 77057 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H02K 41/02, 41/03, 19/06, 21/04

(11) WO 2004/095680 (13) A1

(21) PCT/IT2004/000228

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) FI2003 A 000112 23 Apr/avr 2003 IT (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PERMANENT MAGNET TUBULAR HOMOPOLAR LINEAR MOTOR

• MOTEUR LINEAIRE HOMOPOLAIRE TUBULAIRE A AIMANTS PERMANENTS

(71) UNIVERSITA' DEGLI STUDI DI PADOVA [IT/IT]; Via 8 febbraio, 2, I-35122 Padova (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIANCHI, Nicola [IT/IT]; Via Failoni, 12, I-37124 Verona (IT). BOLOGNANI, Silverio [IT/IT]; Via Ceron, 29, I-35129 Padova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H02M

(11) WO 2004/095681 (13) A2

(21) PCT/US2004/011068

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/421,254 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTROL LOOP FOR SWITCHING POWER CONVERTERS

• BOUCLE DE COMMANDE POUR CONVERTISSEURS DE PUISSANCE DE COMMUTATION

(71, 72) DOWLATABADI, Ahmad, B. [US/US]; 1791 Dalton Place, San Jose, CA 95124 (US).

(74) SCHNECK, Thomas; Schneck & Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les  
designations

(t) for all designations / pour toutes les  
designations

(u) for / pour US only / seulement

(51)<sup>7</sup> H02M 3/155

(11) WO 2004/095682 (13) A1

(21) PCT/JP2004/004515

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-117403 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POWER FACTOR IMPROVING CIR-  
CUIT

• CIRCUIT D'AMELIORATION DE FAC-  
TEUR DE PUISSANCE

(71) SANKEN ELECTRIC CO., LTD. [JP/JP];  
6-3, Kitano 3-chome, Niiza-shi Saitama,  
3528666 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) TSURUYA, Mamoru [JP/JP]

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon  
Daichi Building, 2-3, Toranomon  
1-chome, Minato-ku Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H02P 5/46, G05D 3/12

(11) WO 2004/095683 (13) A1

(21) PCT/JP2004/005617

(22) 20 Apr/avr 2004 (20.04.2004)

(25) ja (26) ja

(30) 2003-117287 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TWIN SYNCHRONIZATION CON-  
TROL METHOD

• PROCEDE DE COMMANDE DE  
DOUBLE SYNCHRONISATION

(71) KABUSHIKI KAISHA YASKAWA  
DENKI [JP/JP]; 2-1, Kurosaki-shiroishi,  
Yahatanishi-ku, Kitakyushu-shi, Fukuoka  
806-0004 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) WATANABE, Kanji [JP/JP]; c/o  
Kabushiki Kaisha Yaskawa Denki, 2-1,  
Kurosaki-shiroishi, Yahatanishi-ku, Ki-  
takyushu-shi, Fukuoka 806-0004 (JP).

WATARIYOU, Kazuhiko [JP/JP]; c/o  
Kabushiki Kaisha Yaskawa Denki, 2-1,  
Kurosaki-shiroishi, Yahatanishi-ku, Ki-  
takyushu-shi, Fukuoka 806-0004 (JP). KIY-  
OTA, Naoto [JP/JP]; c/o Kabushiki Kaisha  
Yaskawa Denki, 2-1, Kurosaki-shiroishi,  
Yahatanishi-ku, Kitakyushu-shi, Fukuoka  
806-0004 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent  
Office, 13th Floor, ARK Mori Building,  
12-32, Akasaka 1-chome, Minato-ku, Tokyo  
107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H02P 6/06, F04C 29/10

(11) WO 2004/095684 (13) A1

(21) PCT/JP2004/005691

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-117149 22 Apr/avr 2003 JP  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOTOR CONTROLLING DEVICE,  
COMPRESSOR, AIR CONDITIONER  
AND REFRIGERATOR

• DISPOSITIF DE COMMANDE DU  
MOTEUR, COMPRESSEUR, CLIMATI-  
SEUR ET REFRIGERATEUR

(71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO., LTD. [JP/JP]; 1006, Oaza  
Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) NAKATA, HidekiUEDA, Mitsuo

(74) SUMIDA, Yoshihiro et al. / etc.; Arco Patent  
Office, 3rd Fl., Bo-cki Bldg., 123-1, Higashi-  
machi, Chuo-ku, Kobe-shi, Hyogo 6500031  
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

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(51)<sup>7</sup> H03B

(11) WO 2004/095685 (13) A2

(21) PCT/US2004/011969

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,635 17 Apr/avr 2003 US  
(17.04.2003)

(30) 60/484,459 2 Jul/juil 2003 US  
(02.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW COST RF OSCILLATOR DE-  
VICES MANUFACTURED FROM CON-  
DUCTIVE LOADED RESIN-BASED  
MATERIALS

• SYSTEMES D'OSCILLATEURS HF A  
BAS PRIX PRODUITS A PARTIR DE  
MATERIAUX CHARGES CONduc-  
TEURS A BASE DE RESINE

(71) INTEGRAL TECHNOLOGIES, INC.  
[US/US]; 805 West Orchard Drive, Suite 3,  
Bellingham, WA 98225 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) AISENBREY, Thomas [US/US]; 5820  
Wood Sorrel Drive, Littleton, CO 80123  
(US).

(74) SAILE, George, O. et al. / etc.; 28 Davis  
Avenue, Poughkeepsic, NY 12603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designations / pour les  
designations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H03C 3/40

(11) WO 2004/095686 (13) A2

(21) PCT/IB2004/001191

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 60/465,127 24 Apr/avr 2003 US  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • QUADRATURE MODULATOR AND  
CALIBRATION METHOD• MODULATEUR EN QUADRATURE ET  
PROCEDE D'ETALONNAGE(71) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V. [NL/NL]; Groenewoudseweg 1,  
NL-5621 BA Eindhoven (NL).(for all designated States except / pour tous  
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FOTOWAT-AHMADY, Ali [IR/CA]; P.O.  
Box 3001, Briarcliff Manor, NY 10510-8001  
(US). FAGHFURI, Ali [IR/CA]; P.O. Box  
3001, Briarcliff Manor, NY 10510-8001  
(US). JENABI, Mahta [IR/US]; P.O. Box  
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(US). RIOU, Emmanuel [FR/US]; P.O. Box  
3001, Briarcliff Manor, NY 10510-8001  
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3001, Briarcliff Manor, NY 10510-8001  
(US).(74) KONINKLIJKE PHILIPS ELECTRON-  
ICS N.V.; c/o Waxler, Aaron, P.O.Box 3001,  
Briarcliff Manor, NY 10510-8001 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)(t) for all designations / pour toutes les  
désignations(51)<sup>7</sup> H03F

(11) WO 2004/095687 (13) A2

(21) PCT/US2004/006143

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 10/397,768 26 Mar/mar 2003 US  
(26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR FA-  
CILITATING FAULT TOLERANCE IN  
A RADIO FREQUENCY AMPLIFIER  
SYSTEM• PROCEDE ET APPAREIL DESTINES A  
FACILITER LA TOLERANCE AUX  
ERREURS DANS UN SYSTEME  
D'AMPLIFICATEUR RADIOFRE-  
QUENCE(71) MOTOROLA INC. [US/US]; 1303 East Al-  
gonquin Road, Schaumburg, IL 60196 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) HAGEN, Rodney, Wayne [US/US];  
1137 Starwood Pass, Lake in the Hills, IL  
60156 (US).(74) MAY, Steven, A., et al. / etc.; 1303 East Al-  
gonquin Road, Schaumburg, IL 60196 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).(51)<sup>7</sup> H03F

(11) WO 2004/095688 (13) A2

(21) PCT/US2004/008071

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/400,774 27 Mar/mar 2003 US  
(27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AMPLIFIER CIRCUIT

• CIRCUIT AMPLIFICATEUR

(71) ANALOG DEVICES, INC. [US/US];  
Three Techonology Way, Norwood, MA  
02062 (US).(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) ZHANG, Shuyun [US/US]; 50 Green  
St, Apt. 311, Brookline, MA 02446 (US).  
MCMORROW, Robert, Jeffery [US/US];  
75 Hayward Mill Road, Concord, MA 01742  
(US).(74) POIRIER, David, W. et al. / etc.; Iandiorio  
& Teska, 260 Bear Hill Road, Waltham, MA  
02451 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GHGM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).(51)<sup>7</sup> H03F 1/32, H04B 1/04

(11) WO 2004/095689 (13) A1

(21) PCT/JP2003/016071

(22) 16 Dec/déc 2003 (16.12.2003)

(25) ja (26) ja

(30) 2002-365447 17 Dec/déc 2002 JP  
(17.12.2002)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISTORTION COMPENSATION DE-  
VICE AND DISTORTION COMPENSA-  
TION METHOD• DISPOSITIF DE COMPENSATION DE  
DISTORSION ET PROCEDE DE COM-  
PENSATION DE DISTORSION(71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO., LTD. [JP/JP]; 1006, Oaza  
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)(72, 75) NAGATA, Hideo [JP/JP]; 11676-1,  
Obuchi, Osuka-cho, Ogasa-gun, Shizuoka  
437-1302 (JP). ENOKI, Takashi [JP/JP];  
4-31-25, Serigaya, Konan-ku, Yokohama-shi,  
Kanagawa 233-0006 (JP).(74) WASHIDA, Kimihito; 5th Floor, Shin-  
toshicenter Bldg., 24-1, Tsurumaki 1-chome,  
Tama-shi, Tokyo 206-0034 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NI NO NZ OM PG  
PH PL PT RO RU SC SD SE SG SK SL SY  
TJ TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).(51)<sup>7</sup> H03F 3/217, H02J 1/00, H04R 27/00, 3/12

(11) WO 2004/095690 (13) A1

(21) PCT/GB2004/001212

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 0308741.8 15 Apr/avr 2003 GB  
(15.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AMPLIFIER ARRANGEMENT AND  
DISTRIBUTED AUDIO SYSTEM• AGENCEMENT D'AMPLIFICATEUR  
ET SYSTEME AUDIO REPARTI

(71) QED AUDIO PRODUCTS LTD [GB/GB]; Unit 16, Woking Business Park, Albert Drive, Woking, Surrey GU21 5JY (GB).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PRIVETT, Stephen [GB/GB]; QED Audio Products Ltd, Unit 16, Woking Business Park, Albert Drive, Woking, Surrey GU21 5JY (GB).

(74) GRAHAM WATT & CO LLP; St Botolph's House, 7-9 St Botolph's Road, Sevenoaks, Kent TN13 3AJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03F 3/60, 1/52

(11) WO 2004/095691 (13) A1

(21) PCT/US2004/010999

(22) 9 Apr/avr 2004 (09.04.2004)

(25) en (26) en

(30) 10/420,454 22 Apr/avr 2003 US (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RADIO FREQUENCY LIMITER CIRCUIT  
• CIRCUIT LIMITEUR DE RADIO FREQUENCE

(71) RAYTHEON COMPANY [US/US]; 870 Winter Street, Waltham, MA 02451-1449 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADLERSTEIN, Michael, G. [US/US]; 24 Bobolink Road, Wellesley, MA 02481 (US). TREMBLAY, John, C. [US/US]; 50 Farm Land Ln., Lancaster, MA 01523 (US).

(74) MOFFORD, Donald, F. et al. / etc.; Suite 101, 275 Turnpike Street, Canton, MA 02021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H03G 1/00

(11) WO 2004/095692 (13) A2

(21) PCT/US2004/012686

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,760 23 Apr/avr 2003 US (23.04.2003)

(30) 60/555,193 22 Mar/mar 2004 US (22.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LINEARIZING APPARATUS AND METHOD

• APPAREIL ET PROCEDE DE LINEARISATION

(63) US 60/464,760 (CON) 23 Apr/avr 2003 (23.04.2003)

US 60/555,193 (CON) 22 Mar/mar 2004 (22.03.2004)

(71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN [US/US]; 3003 S. State Street, Ann Arbor, MI 48109 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCCORQUODALE, Michael, S. [US/US]; 316 Beakes Street, No.3, Ann Arbor, MI 48104 (US). BROWN, Richard, B. [US/US]; 1911 Valleyview Drive, Ann Arbor, MI 48105 (US). DING, Mei, Kim [MY/US]; 3570 Pheasant Run Circle, Apt.2, Ann Arbor, MI 48108 (US).

(74) SYROWIK, David, R. et al. / etc.; 1000 Town Center, Twenty-Second Floor, Southfield, MI 48075 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H03G 3/00, 5/00

(11) WO 2004/095693 (13) A1

(21) PCT/US2004/005389

(22) 23 Feb/fév 2004 (23.02.2004)

(25) en (26) en

(30) 10/396,640 24 Mar/mar 2003 US (24.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AMBIENT SOUND AUDIO SYSTEM  
• SYSTEME AUDIO TRIDIMENSIONNEL

(71) AMBIENT SOUND, INC. [US/US]; P.O.Box 27740, Las Vegas, NV 89126 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BACON, Todd, Hamilton [US/US]; 104 No. 46th Drive, Glendale, AZ 85302 (US).

(74) BEECH, Dennis, W.; Law Offices of Dennis W. Beech, Suite C-2, 19900 Beach Blvd., Huntington Beach, CA 92648 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H03H

(11) WO 2004/095694 (13) A2

(21) PCT/US2004/011932

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 60/464,236 21 Apr/avr 2003 US (21.04.2003)

(30) 60/484,398 2 Jul/juil 2003 US (02.07.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOW COST ADJUSTABLE RF RESONATOR DEVICES MANUFACTURED FROM CONDUCTIVE LOADED RESIN-BASED MATERIALS

• DISPOSITIFS RESONATEURS RF REGLABLES ET PEU COUTEUX, FABRIQUES A PARTIR DE MATERIAUX A BASE DE RESINE CHARGEE CONDUCTRICE

(71) INTEGRAL TECHNOLOGIES, INC. [US/US]; 805 West Orchard Drive, Suite 3, Bellingham, WA 98225 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AISENBREY, Thomas [US/US]; 5820 Wood Sorrel Drive, Littleton, CO 80123 (US).

(74) SAILE, George, O. et al. / etc.; 28 Davis Avenue, Poughkeepsie, NY 12603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H03H

(11) WO 2004/095695 (13) A2

(21) PCT/US2004/012475

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,675 21 Apr/avr 2003 US (21.04.2003)

(30) 10/825,809 16 Apr/avr 2004 US (16.04.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TUNABLE BRIDGE CIRCUIT

• MONTAGE EN PONT ACCORDABLE

(71) AGILE MATERIALS AND TECHNOLOGIES, INC. [US/US]; 93 Castilian Drive, Goleta, CA 93117 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YORK, Robert, A. [US/US]; 5523 Somerset Drive, Santa Barbara, CA 93111 (US).

(74) PATEL, Rajiv, P. et al. / etc.; Fenwick & West LLP, 801 California Street, Mountain View, CA 94041 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03H

(11) WO 2004/095696 (13) A2

(21) PCT/US2004/009881

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/414,793 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TEMPERATURE COMPENSATION FOR SILICON MEMS RESONATOR

• COMPENSATION DE TEMPERATURE POUR RESONATEUR DE TYPE MICROELECTROMECHANIQUE (MEMS)

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUTZ, Markus [DE/US]; 4214 Manuela Avenue, Palo Alto, CA 94306 (US). PARRIDGE, Aaron [US/US]; 224 N. California Avenue, Palo Alto, CA 94301 (US).

(74) STEINBERG, Neil, A.; 2665 Marine Way, Suite 1150, Mountain View, CA 94043 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> H03H 7/09

(11) WO 2004/095697 (13) A1

(21) PCT/JP2004/005883

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-119289 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NORMAL MODE NOISE SUPPRESSING CIRCUIT

• CIRCUIT SUPPRIMANT LE BRUIT EN MODE NORMAL

(71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

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(71) WASAKI, Hitomi (heiress of the deceased inventor / héritière de l'inventeur décédé) [JP/JP]; 4-332, Kofudai, Ichihara-shi, Chiba 2900255 (JP).

(only for / seulement pour US)

(72) WASAKI, Masaru (deceased / décédé).

(72, 75) SAITOH, Yoshihiro [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 1038272 (JP).

(74) HOSHIMIYA, Katsumi; Toukou Building, 10th Floor, 15-7, Shinjuku 5-chome, Shinjuku-ku, Tokyo 1600022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H03H 9/02, 9/17, 9/46  
(11) WO 2004/095698 (13) A1  
(21) PCT/RU2003/000537  
(22) 4 Dec/déc 2003 (04.12.2003)  
(25) ru (26) ru  
(30) 2003111931 24 Apr/avr 2003 RU  
(24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • HIGH-FREQUENCY PIEZOELECTRIC ELEMENT  
• PIEZO-ELEMENT HAUTE FRE-  
QUENCE  
(71, 72) MATSAK, Andrei Nikolaevich [RU/RU]; ul. 9-aya Parkovaya, 57-3-47, Moscow, 105525 (RU). GRUZINENKO, Valery Borisovich [RU/RU]; per. Zeleny, 3-85, Ljubertsy, Moskovskaya obl., 140002 (RU).  
(74) SKOMOROKHOVA, Tamara Sergeevna; ul. Novozavodskaya, 2-6/7-66, Moscow, 121087 (RU).  
(81) AE AT AU BR BY CA CH CN CZ DE DK EE ES FI GB HU ID IL IN IS JP KG KR KZ LT LU LV MK MN MX NO NZ PH PL PT RO RU SE SG TN TR TT UA US UZ.  
(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :  
(u) for / pour US only / seulement

- (51)<sup>7</sup> H03H 9/145, 9/25  
(11) WO 2004/095699 (13) A1  
(21) PCT/JP2004/000762  
(22) 28 Jan/jan 2004 (28.01.2004)  
(25) ja (26) ja  
(30) 2003-114592 18 Apr/avr 2003 JP  
(18.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ELASTIC BOUNDARY WAVE DEVICE  
• DISPOSITIF A ONDE LIMITE ELAS-  
TIQUE  
(71) MURATA MANUFACTURING CO., LTD. [JP/JP]; 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 6178555 (JP).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) KANDO, Hajime [JP/JP]; c/o MURATA MANUFACTURING CO., LTD., 26-10, Tenjin 2-chome, Nagaokakyo-shi, Kyoto 6178555 (JP).  
(74) MIYAZAKI, Chikara et al. / etc.; Nishimura Bldg., 6-5, Tanimachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400012 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H03H 19/00  
(11) WO 2004/095700 (13) A2  
(21) PCT/US2004/012309  
(22) 20 Apr/avr 2004 (20.04.2004)  
(25) en (26) en  
(30) 60/464,162 21 Apr/avr 2003 US  
(21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • RECONFIGURABLE BASEBAND FILTER  
• FILTRE DE BANDE DE BASE POU-  
VANT ETRE RECONFIGURE  
(71) QUORUM SYSTEMS, INC [US/US]; 6650 Lusk Blvd., Suite B204, San Diego, CA 92121 (US).  
(for all designated States except / pour tous les États désignés sauf US)  
(72, 75) MARTIN, Brian, C. [US/US]; 2414 La Tinada Court, Carlsbad, CA 92009 (US). MALONE, Lawrence, J. [US/US]; 3704 Azimuth Place, Carlsbad, CA 92009 (US).  
(74) HOM, Raymond, B.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th FL., San Francisco, CA 94111 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H03H 21/00  
(11) WO 2004/095701 (13) A1  
(21) PCT/FI2004/050045  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 20035050 22 Apr/avr 2003 FI  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • FILTERING METHOD AND AN APPARATUS  
• PROCEDE ET APPAREIL DE FIL-  
TRAGE  
(71, 72) BILCU, Radu [RO/FI]; Annalankatu 17 C 12, FI-33710 Tampere (FI). KUOSMANEN, Pauli [FI/FI]; Koivulehdonkuja 16, FI-36200 Kangasala (FI). EGIAZARIAN, Karen [AM/FI]; Maijalankatu 9 H 29, FI-33720 Tampere (FI).  
(74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 12 B, FI-33720 Tampere (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> H03K 17/00  
(11) WO 2004/095702 (13) A2  
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(25) en (26) en  
(30) 10/400,144 25 Mar/mar 2003 US  
(25.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • BIT-CELL AND METHOD FOR PROGRAMMING  
• CELLULE BINAIRE ET PROCEDE DE PROGRAMMATION  
(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(72) CHEW, Kenneth; 9447 Swan Lake Drive, Granite Bay, CA 95746 (US).  
(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (51)<sup>7</sup> H03K 19/177  
(11) WO 2004/095703 (13) A2  
(21) PCT/US2004/011574  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) en (26) en  
(30) 10/420,418 21 Apr/avr 2003 US  
(21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD AND APPARATUS FOR COMMUNICATION WITH A PROGRAMMABLE LOGIC DEVICE USING SERIAL TRANSCEIVERS  
• PROCEDE ET APPAREIL DE COMMUNICATION AU SEIN D'UN DISPOSITIF

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

LOGIQUE PROGRAMMABLE UTILISANT DES EMETTEURS-RECEPTEURS EN SERIE

- (71) XILINX, INC. [US/US]; 2100 Logic Drive, San Jose, CA 95124 (US).
- (72) DONLIN, Adam, P.; 101 Oakrim Way #6, Los Gatos, CA 95032 (US). NEW, Bernard, J.; 3 San Clemente Drive, Carmel Valley, CA 93924 (US).
- (74) CHANROO, Keith, A. et al. / etc.; Xilinx, Inc., 2100 Logic Drive, San Jose, CA 95124 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03L

(11) WO 2004/095704 (13) A2

(21) PCT/US2003/038911

(22) 8 Dec/déc 2003 (08.12.2003)

(25) en (26) en

(30) 60/458,918 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VARIABLE RATE SIGMA DELTA MODULATOR

• MODULATEUR SIGMA-DELTA A DEBIT VARIABLE

(71) ESS TECHNOLOGY, INC. [US/US]; 48401 Fremont Boulevard, Fremont, CA 94538 (US).  
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(72, 75) MALLINSON, Andrew, Martin [CA/CA]; ESS Technology, Inc., 48401 Fremont Boulevard, Fremont, CA 94538 (US).

(74) STEVENS, David, R.; Stevens Law Group, P.O. Box 1667, San Jose, CA 95109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OMPH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H03L 7/099

(11) WO 2004/095705 (13) A1

(21) PCT/US2004/007328

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/400,145 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CIRCUIT AND METHOD FOR GENERATING A CLOCK SIGNAL

• CIRCUIT ET PROCEDE DE GENERATION D'UN SIGNAL D'HORLOGE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) SHAH, Prasanna; 2136 Mullen Court, Folsom, CA 95630 (US). POISNER, David; 205 Penry Square, Folsom, CA 95630 (US).

(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US2004/012207

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,095 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR USING A MICROLET-BASED MODEM

• SYSTEME ET PROCEDE D'UTILISATION D'UN MODEM A BASE DE MICROLETTES

(71) PORTAVISION LLC [US/US]; 8186 Inverness Ridge Road, Potomac, MD 20854 (US).  
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(72) KILBANK, Daniel; 8186 Inverness Ridge Road, Potomac, MD 20854 (US).

(74) NIXON, William, F.; Squire, Sanders & Dempsey, L.L.P., 8000 Towers Crescent Drive, 14th Floor, Tysons Corner, VA 22182-2700 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03M

(11) WO 2004/095707 (13) A2

(21) PCT/US2004/012208

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,095 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DATA ENCODING USING AN OSCILLATOR CIRCUIT

• CODAGE DE DONNEES UTILISANT UN CIRCUIT OSCILLATEUR

(71) PORTAVISION LLC [US/US]; 8186 Inverness Ridge Road, Potomac, MD 20854 (US).  
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(74) NIXON, William, F.; Squire, Sanders & Dempsey L.L.P., 8000 Towers Crescent Drive, 14th Floor, Tysons Corner, VA 22182-2700 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03M

(11) WO 2004/095708 (13) A2

(21) PCT/US2004/003811

(22) 9 Feb/fév 2004 (09.02.2004)

(25) en (26) en

(30) 10/402,882 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ACCELERATING VIDEO DECODING USING A GRAPHICS PROCESSING UNIT

• ACCELERATION DU DECODAGE VIDEO AU MOYEN D'UNE UNITE DE TRAITEMENT GRAPHIQUE



(71) MICROSOFT CORPORATION [US/US]; One Microsoft Way, Redmond, WA 98052 (US).

(72) SHEN, Goubin; Hong Jia Li Yuan-1805#, Zhichun Road, Haidian District, Beijing 100088 (CN). ZHU, Lihua; Laboratory of Artificial Intelligence, Institute of Automation, Chinese Academy of Science, Beijing 100080 (CN). LI, Shipeng; 628 Oak Glen, Irvine, CA 92618 (US). ZHANG, Ya-Qin; Villa 108F, Riveria Garden, No. 1, XiangJiang Bei Road, Beijing 100103 (CN). RASHID, Richard, F.; 21425 NE 84th Street, Redmond, WA 98053 (US).

(74) BRANT, Kayla, D. et al. / etc.; Lee & Hayes, PLLC, 421 W. Riverside Avenue, Suite 500, Spokane, WA 99201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03M 1/08, 1/18  
(11) WO 2004/095709 (13) A2

(21) PCT/IB2004/050487

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03101136.4 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • GAIN COMPENSATION  
• COMPENSATION DE GAIN

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).  
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(72, 75) GIERENZ, Volker, S. [DE/DE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TEN PIERICK, Hendrik [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) ELEVELD, Koop, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03M 3/02

(11) WO 2004/095710 (13) A1

(21) PCT/US2004/004444

(22) 12 Feb/fév 2004 (12.02.2004)

(25) en (26) en

(30) 10/391,991 19 Mar/mar 2003 US (19.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MIXED TECHNOLOGY MEMS/BICMOS LC BANDPASS SIGMA-DELTA FOR DIRECT RF SAMPLING

• MODULATEUR SIGMA/DELTA A BANDE PASSANTE LC MEMS DE TECHNOLOGIE MIXTE POUR ECHANTILLONNAGE DIRECT RF

(71) RAYTHEON COMPANY [US/US]; c/o Leonard A. Alkov, Esq., P.O. Box 902 (E4/N119), El Segundo, CA 90245-0902 (US).

(72) LINDER, Lloyd F.; 3730 Patrick Henry, Agoura Hills, CA 91301 (US).

(74) ALKOV, Leonard A. et al. / etc.; c/o Raytheon Company, P.O. Box 902 (E4/N119), El Segundo, CA 90245-0902 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/463,344 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TURBO DECODER WITH EARLY TERMINATION OF ITERATIONS

• DECODEUR TURBO AVEC TERMINAISON PRECOCE D'ITERATIONS

(71) ICERA INC. [GB/GB]; 2520 The Quadrant, Aztec West, Almondsbury, Bristol BS32 4AQ (GB).

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(72, 75) ALLPRESS, Stephen, Alan [GB/GB]; 36 Chanyng Square, Clifton, Bristol BS8 3LB (GB).

(74) HILL, Justin, John; McDermott, Will & Emery, 7 Bishopsgate, London EC2N 3AR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H03M 13/29, 13/05, 13/23

(11) WO 2004/095712 (13) A1

(21) PCT/JP2004/004553

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-114797 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ENCODING APPARATUS, DECODING APPARATUS, ENCODING PROGRAM AND DECODING PROGRAM

• DISPOSITIF DE CODAGE, DISPOSITIF DE DECODAGE, PROGRAMME DE CODAGE ET PROGRAMME DE DECODAGE

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(74) OKUDA, Hiroyuki et al. / etc.; Seiko Toranomon Building 2F, 1-8-10, Toranomon, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B

(11) WO 2004/095713 (13) A2

(21) PCT/US2003/038190

(22) 25 Nov/nov 2003 (25.11.2003)

(25) en (26) en

(30) 60/462,657 14 Apr/avr 2003 US (14.04.2003)

- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • JOINT SYMBOL, AMPLITUDE, AND RATE ESTIMATOR
- ESTIMATEUR DE SYMBOLES, D'AMPLITUDE ET DE DEBIT
- (71) BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. [US/US]; 65 Spit Brook Road, Nashua, NH 03061 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) MCELWAIN, Thomas, P. [US/US]; 21 Sarah Drive, Merrimack, NH 03054 (US).
- (74) ASMUS, Scott, J. et al. / etc.; PO Box 3445, Nashua, NH 03061-3445 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT (Utility model / modèle d'utilité) PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(u) for / pour US only / seulement*
- 
- (51)<sup>7</sup> H04B
- (11) WO 2004/095714 (13) A2
- (21) PCT/US2004/010473
- (22) 6 Apr/avr 2004 (06.04.2004)
- (25) en (26) en
- (30) 60/464,670 22 Apr/avr 2003 US (22.04.2003)
- (30) 10/729,644 5 Dec/déc 2003 US (05.12.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND SYSTEM FOR MANAGING COOPERATIVE POSITIONING AMONG WIRELESS TRANSMIT/RECEIVE UNITS
- PROCEDE ET SYSTEME POUR GERER LE POSITIONNEMENT COOPERATIF ENTRE DES UNITES D'EMISSION/RECEPTION HERTZIENNES
- (71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).  
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- (72, 75) MARINIER, Paul [CA/CA]; 1805 Stravinski, Brossard, Québec J4X 2J7 (CA).
- (74) BALLARINI, Robert, J.; United Plaza, Suite 1600, 30 S. 17th Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04B
- (11) WO 2004/095716 (13) A2
- (21) PCT/US2004/011616
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 60/463,334 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR IMPLEMENTING SAFETY INSTRUMENTED SYSTEMS IN A FIELDBUS ARCHITECTURE
- SYSTEME ET PROCEDE POUR METTRE EN OEUVRE DES SYSTEMES MUNIS D'INSTRUMENTS DE SECURITE DANS UNE ARCHITECTURE DE BUS DE TERRAIN
- (71) FIELDBUS FOUNDATION [US/US]; 9005 Mountain Ridge Drive, Bowie Bldg, Suite 190, Austin, Texas 78759 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) GLANZER, David, A. [US/US]; 214 Olde Oak Drive, Georgetown, TX 78628 (US). DUFFY, Joseph, D. [US/US]; 501 Oak Crest Lane, Georgetown, TX 78628 (US). MITSCHKE, Steven, B. [US/US]; 2925 Wavecrest Blvd., Austin, TX 78728 (US). GABLER, John, Carl [US/US]; 82 Monticello, Irvine, CA 92620 (US). BERGE, L., Jonas, F. [SE/SG]; Blk 102 Simei Street 1 #09-914, Singapore 169074 (SG). RAMACHANDRAN, Ram [US/US]; 9801 Patrice Drive, Austin, TX 78750 (US).
- (74) KENNEDY, John et al. / etc.; Dorsey & Whitney LLP, 370 Seventeenth Street, Suite 4700, Denver, CO 80202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
*(r) for all designations / pour toutes les désignations*
- 
- (51)<sup>7</sup> H04B
- (11) WO 2004/095717 (13) A2
- (21) PCT/US2004/011946
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 60/463,488 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • BI-STABLE HINGE AND SYSTEMS USING SAME
- CHARNIERE BISTABLE ET SYSTEMES D'UTILISATION
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HOLTORF, Jim [US/US]; 117 Giant Oaks Avenue, Newbury Park, CA 91320

- (US). MCKAY, Michael [DK/DK]; Kronprinsensvej 21, Frederiksberg (DK). SUL-LIVAN, Ann [US/US]; 211 Temple Road, Waltham, MA 02452 (US). HENNEN, Alexandre [US/US]; 67 Dana Street, Cambridge, MA 02138 (US). GIESECKE, Tonia [US/US]; 285 Harvard Street #101, Cambridge, MA 02139 (US).
- (74) ELLSWORTH, Brian, C. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B

- (11) WO 2004/095718 (13) A2
- (21) PCT/US2004/012217
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 10/421,002 22 Apr/avr 2003 US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • AUTOMATIC FREQUENCY CONTROL PROCESSING IN MULTI-CHANNEL RECEIVERS
- TRAITEMENT DE CONTROLE DE FREQUENCE AUTOMATIQUE DANS DES RECEPTEURS MULTIVOIE
- (71) MOTOROLA, INC., a corporation of the State of Delaware [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BALLANTYNE, Wayne, W. [US/US]; P.O. Box 16335, Plantation, FL 33318 (US). KING, Thomas, M. [US/US]; 9283 S. Stanley Place, Tempe, Arizona 85284 (US).
- (74) GARRETT, Scott, M. et al. / etc.; 8000 West Sunrise Boulevard, Room 1610, Plantation, FL 33322 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B

- (11) WO 2004/095719 (13) A2
- (21) PCT/US2004/012507
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 60/464,668 22 Apr/avr 2003 US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND SYSTEM FOR INTEGRATING RESOURCE ALLOCATION BETWEEN TIME DIVISION DUPLEX AND FREQUENCY DIVISION DUPLEX IN WIRELESS COMMUNICATION SYSTEMS
- PROCEDE ET SYSTEME D'INTEGRATION D'ATTRIBUTION DE RESSOURCES ENTRE LE DUPLEXAGE PAR REPARTITION DANS LE TEMPS ET LE DUPLEXAGE PAR REPARTITION EN FREQUENCE DANS DES SYSTEMES DE COMMUNICATION SANS FIL

- (71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) DESGAGNE, Michel [CA/CA]; 6606 Des Marronniers, St. Hubert, Québec J3Y 8T4 (CA). HUNKELER, Teresa, Joanne [CA/CA]; 4243 Wilson Avenue, Montreal, Québec H4A 2V1 (CA). RAHMAN, Shamim, Akbar [CA/CA]; 2021 Atwater Avenue, Apt. 116, Montreal, Québec H3H 2P2 (CA).

- (74) BALLARINI, Robert, J.; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B

- (11) WO 2004/095720 (13) A2
- (21) PCT/US2004/003095
- (22) 4 Feb/fév 2004 (04.02.2004)
- (25) en (26) en
- (30) 10/391,978 19 Mar/mar 2003 US (19.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TIMING SYNCHRONIZATION FOR M-DPSK CHANNELS
- SYNCHRONISATION TEMPORELLE POUR CANAUX M-MDPD

- (71) FREESCALE SEMICONDUCTOR, INC. [US/US]; 6501 William Cannon Drive West, Austin, TX 78735 (US). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) CHEN, Weizhong [US/US]; 3421 Zebecia Creek, Austin, TX 78732 (US). DEHNER, Leo [US/US]; 11802 Astoria Drive, Austin, TX 78738 (US).

- (74) GODDARD, Patricia, S.; Freescale Semiconductor, Inc., 7700 West Parmer Lane, MD:TX32/PL02, Austin, TX 78729-8084 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B

- (11) WO 2004/095721 (13) A2
- (21) PCT/US2004/007535
- (22) 11 Mar/mar 2004 (11.03.2004)
- (25) en (26) en
- (30) 10/407,349 4 Apr/avr 2003 US (04.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMPROVED ADJUSTMENT VALUE FOR INBOUND TIME-SLOTTED TRANSMISSIONS
- VALEUR DE REGLAGE AMELIOREE POUR TRANSMISSIONS D'ARRIVEE CRENELEES

- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US). (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) LOGALBO, Robert, D. [US/US]; 2127 Scaver Lane, Hoffman Estates, IL 60194 (US). CONRAD, Alan, P. [US/US]; 3106 Charlemagne Lane, St. Charles, IL 60174 (US). STOGNER, Darrell, J. [US/US]; 1870 NW 107th Avenue, Plantation, 33322 (US).

- (74) SALADI, Indira et al. / etc.; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B

(11) WO 2004/095722 (13) A2

(21) PCT/US2004/008389

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/418,944 18 Apr/avr 2003 US (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NONLINEAR INVERSION  
• INVERSION NON LINEAIRE

(71) OPTICHRON, INC. [US/US]; 5341 Randall Place, Fremont, CA 94538 (US).

(72) BATRUNI, Roy; 450 Edinburgh Cr., Danville, CA 94526 (US).

(74) VAN PELT, Lee; Van Pelt &amp; Yi LLP, 10050 N. Foothill Blvd., Suite 200, Cupertino, CA 95014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B

(11) WO 2004/095723 (13) A2

(21) PCT/US2004/008390

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/461,237 7 Apr/avr 2003 US (07.04.2003)

(30) 10/429,271 2 May/mai 2003 US (02.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SECURE MODULATION AND DEMODULATION  
• MODULATION ET DEMODULATION SECURISEES(71) OPTICHRON, INC. [US/US]; 5341 Randall Place, Fremont, CA 94538 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) BATRUNI, Roy, G.; 450 Edinburgh Cr., Danville, CA 94526 (US).

(74) VAN PELT, Lee; Van Pelt &amp; Yi LLP, 10050 N. Foothill Blvd., Suite 200, Cupertino, CA 95014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B

(11) WO 2004/095724 (13) A2

(21) PCT/US2004/008723

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/459,344 1 Apr/avr 2003 US (01.04.2003)

(30) 60/513,079 21 Oct/oct 2003 US (21.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR PROVIDING EDUCATIONAL AND/OR ADVERTISING MATERIALS

• SYSTEME ET PROCEDE DE FOURNITURE DE MATERIEL DIDACTIQUE ET/OU PUBLICITAIRE

(71, 72) PRESKILL, David [US/US]; 545 Groveland Avenue, Highland Park, Illinois 60035 (US).

(74) JAROSIK, Gary, R. et al. / etc.; Greenberg Traurig, LLP, 77 W. Wacker Drive, Suite 2500, Chicago, Illinois 60601-1732 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 1/16, H03G 3/30

(11) WO 2004/095725 (13) A1

(21) PCT/JP2004/005707

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-115553 21 Apr/avr 2003 JP (21.04.2003)

(30) 2003-327789 19 Sep/sep 2003 JP (19.09.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • HIGH FREQUENCY SIGNAL LEVEL DETERMINING DEVICE AND HIGH FREQUENCY SIGNAL RECEIVER APPARATUS USING THE SAME

• DISPOSITIF DE DETERMINATION DE NIVEAU DE SIGNAL HAUTE FREQUENCE ET APPAREIL RECEPTEUR

DE SIGNAL HAUTE FREQUENCE FAISANT APPEL A CE DISPOSITIF

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AZAKAMI, Hiroshi; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 TESHIMA, Misao; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 SASAKI, Shougo; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 HAYASHI, Yoshikazu; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA &amp; PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (b)

(51)<sup>7</sup> H04B 1/28

(11) WO 2004/095726 (13) A1

(21) PCT/US2004/006866

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/400,506 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AM RECEIVER AND DEMODULATOR  
• RECEPTEUR AM ET DEMODULATEUR

(71) SANDBRIDGE TECHNOLOGIES, Inc. [US/US]; 1 North Lexington Avenue., 10th Floor, White Plains, NY 10601 (US).

(72) IANCU, Daniel; 91 Lake Street, Pleasantville, NY 10570 (US).

(74) PALAN, Perry; Barnes &amp; Thornburg, 750 17th Street, N.W., Suite 900, Washington, DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

- (51)<sup>7</sup> H04B 1/38, H03H 7/46, G01S 1/00  
(11) WO 2004/095727 (13) A1  
(21) PCT/US2004/011813  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 10/417,784 16 Apr/avr 2003 US  
(16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • SYSTEM AND METHOD FOR SE-  
LECTING A COMMUNICATION BAND  
• SYSTEME ET PROCEDE POUR SE-  
LECTIONNER UNE BANDE DE COM-  
MUNICATIONS  
(71) KYOCERA WIRELESS CORP. [US/US];  
10300 Campus Point Drive, San Diego, CA  
92121 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) MARTINEZ, Paul [US/US]; 11345 Ca-  
marosa Circle, San Diego, CA 92126 (US).  
(74) CONNELL, Kathleen, L. et al. / etc.; Ky-  
ocera Wireless Corp., Attention: Patent De-  
partment, P.O. Box 928289, San Diego, CA  
92192-8289 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW  
GH GM KE LS MW MZ SD SL SZ TZ UG ZM  
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP  
(AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LU MC NL PL PT RO SE SI SK

TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

- (51)<sup>7</sup> H04B 5/00  
(11) WO 2004/095728 (13) A1  
(21) PCT/US2003/036860  
(22) 19 Nov/nov 2003 (19.11.2003)  
(25) en (26) en  
(30) 10/421,366 23 Apr/avr 2003 US  
(23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • WIRELESS ELECTRONIC DRIVE-  
THRU SYSTEM AND METHOD  
• METHODE ET SYSTEME ELECTRO-  
NIQUES SANS FIL POUR UN SYS-  
TEME DANS LEQUEL UN AUTOMO-  
BILISTE PASSE AU VOLANT DE SON  
VEHICULE  
(71) SBC KNOWLEDGE VENTURES L.P.  
[US/US]; 645 E. Plumb Lane, Reno, NV  
89502 (US).  
(72) SURYANARAYANA, Lalitha; 9913  
Liriope Cove, Austin, TX 78750 (US).  
GRANNAN, Michael, F.; 11220 Brista Way,  
Austin, TX 78726 (US). PATRON, David;  
2302 Kimra Lane, Cedar Park, TX 78613  
(US).  
(74) TOLER, LARSON & ABEL, LLP ET AL.  
et al. / etc.; 5000 Plaza on the Lake, Suite 265,  
Austin, TX 78746 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL PT  
RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM  
ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

- (51)<sup>7</sup> H04B 7/00  
(11) WO 2004/095729 (13) A2  
(21) PCT/FR2004/000964  
(22) 19 Apr/avr 2004 (19.04.2004)  
(25) fr (26) fr  
(30) 03/04845 17 Apr/avr 2003 FR  
(17.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • MULTI-CARRIER SIGNAL DESIGNED  
TO REDUCE CELL INTERFER-  
ENCES IN A RADIOCOMMUNICA-  
TION NETWORK, CORRESPONDING  
RECEIVER, TRANSMITTER, CON-  
STRUCTION METHOD AND RECEPTION  
METHOD  
• SIGNAL MULTIPORTEUSE CONCU  
POUR REDUIRE LES INTERFER-  
ENCES CELLULAIRES AU SEIN  
D'UN RESEAU DE RADIOCOMMUNI-  
CATION, PROCEDE DE CONSTRUC-  
TION, PROCEDE DE RECEPTION,  
RECEPTEUR ET EMETTEUR COR-  
RESPONDANTS

- (71) WAVECOM [FR/FR]; Immeuble Bord de  
Seine I, 3, Esplanade du Foncet, F-92442  
Issy-les-Moulineaux Cedex (FR).  
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les États désignés sauf US)  
(72, 75) ROUXEL, Alexandre [FR/FR]; 14, rue  
Corentin Carré, F-35000 Rennes (FR).  
(74) VIDON, Patrice; Cabinet Vidon Patrice,  
16B, rue de Jouanet, BP 90333, F-35703  
Rennes Cedex 7 (FR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

- (51)<sup>7</sup> H04B 7/04, 7/06, H04J 11/00, 15/00  
(11) WO 2004/095730 (13) A1  
(21) PCT/JP2004/003614  
(22) 18 Mar/mar 2004 (18.03.2004)  
(25) ja (26) ja  
(30) 2003-116172 21 Apr/avr 2003 JP  
(21.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • RADIO COMMUNICATION APPARA-  
TUS, TRANSMITTER APPARATUS,  
RECEIVER APPARATUS AND RADIO  
COMMUNICATION SYSTEM  
• APPAREIL DE COMMUNICATION  
RADIO, APPAREIL EMETTEUR, AP-  
PAREIL RECEPTEUR ET SYSTEME  
DE COMMUNICATION RADIO  
(71) MITSUBISHI DENKI KABUSHIKI  
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,  
Chiyoda-ku, Tokyo, 1008310 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) TAIRA, Akinori [JP/JP]; c/o Mitsubishi  
Denki Kabushiki Kaisha, 2-3, Marunouchi  
2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).  
ISHIZU, Fumio, [JP/JP]; c/o Mitsubishi  
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2-chome, Chiyoda-ku, Tokyo, 1008310 (JP).  
(74) SAKAI, Hiroaki; Sakai International Patent  
Office, Tokyo Club Building, 2-6, Ka-  
sumigaseki 3-chome, Chiyoda-ku, Tokyo,  
1000013 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04B 7/08, 7/10, 1/16, 1/18

(11) WO 2004/095731 (13) A1

(21) PCT/JP2004/005704

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-116101 21 Apr/avr 2003 JP  
(21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RECEPTION DEVICE

• DISPOSITIF DE RECEPTION

(71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi Osaka, 5700083 (JP). SANYO TELECOMMUNICATIONS CO., LTD. [JP/JP]; 1-1, Sanyo-cho, Daito-shi Osaka, 5740035 (JP).  
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(72, 75) NARITA, Masahiro; 1-1, Sanyo-cho, Daito-shi Osaka, 5740035

(74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku Osaka-shi Osaka, 5310072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 7/08

(11) WO 2004/095732 (13) A1

(21) PCT/US2004/008948

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/421,167 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR SEPARATING SIGNALS RECEIVED BY AN OVERLOADED ANTENNA ARRAY

• SYSTEME ET PROCEDE DE SEPARATION DE SIGNAUX REÇUS PAR UN RESEAU D'ANTENNES SURCHARGE

(71) RAYTHEON COMPANY [US/US]; 870 Winter Street, Waltham, MA 02451 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OWECHO, Yuri (nmi) [US/US]; 369 Mooncrest Court, Newbery Park, CA 91320 (US). SHU, David, B. [US/US]; 8748 Hanna Avenue, West Hills, CA 91304 (US).

(74) MEEK, Kevin, J.; Baker Botts LLP, Suite 600, 2001 Ross Avenue, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04B 7/155

(11) WO 2004/095733 (13) A2

(21) PCT/US2004/011816

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 60/463,927 17 Apr/avr 2003 US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR DETERMINING REPEATER USE IN WIRELESS COMMUNICATIONS

• PROCEDE ET APPAREIL PERMETTANT DE DETERMINER L'UTILISATION DE REPETEURS DANS DES COMMUNICATIONS SANS FIL

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WHEATLEY, Charles, E. [US/US]; 570 Torrey Point Road, Del Mar, CA 92014 (US).

(74) MINHAS, Sandip et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04B 7/212

(11) WO 2004/095734 (13) A1

(21) PCT/US2004/007848

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/401,004 27 Mar/mar 2003 US  
(27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WIRELESS COMMUNICATIONS SYSTEM WITH ENHANCED TIME SLOT

• SYSTEME DE COMMUNICATIONS SANS FIL A ATTRIBUTION D'INTERVALLES TEMPORELS

(71) HARRIS CORPORATION [US/US]; 1025 W. NASA Blvd., Melbourne, FL 32919 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72) CAIN, Joseph, Bibb; 200 Melbourne Avenue, Indialantic, FL 32903 (US).

(74) YATSKO, Michael, S. et al. / etc.; Harris Corporation, 1025 W. NASA Blvd, Melbourne, FL 32919 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04B 10/00

(11) WO 2004/095735 (13) A2

(21) PCT/FR2004/000970

(22) 20 Apr/avr 2004 (20.04.2004)

(25) fr (26) fr

(30) 03/04928 22 Apr/avr 2003 FR  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL PULSE REGENERATION DEVICE, INSTALLATION COMPRISING ONE SUCH DEVICE AND USE OF SAME

• DISPOSITIF DE REGENERATION OPTIQUE D'IMPULSIONS, INSTALLATION COMPRENANT UN TEL DISPOSITIF ET UTILISATION DE CE DISPOSITIF

(71) FRANCE TELECOM [FR/FR]; 6 Place d'Alleray, F-75015 Paris (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PINCEMIN, Erwan [FR/FR]; Kernevez, F-22290 Gommenech (FR).

(74) DE LA Bigne, Guillaume; Cabinet LHermet la Bigne & Remy, 191, rue Saint-Honoré, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 10/06, H04L 1/00

(11) WO 2004/095736 (13) A1

(21) PCT/JP2003/005176

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RECEPTION ERROR RATE CONTROLLER  
• CONTROLEUR DU TAUX D'ERREUR DE RECEPTION

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
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(72, 75) YAMAMOTO, Satoshi [JP/JP]; c/o FUJITSU KYUSHU DIGITAL TECHNOLOGY LIMITED, 22-8, Hakatakimae 3-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP).

(74) TOYAMA, Tsutomu et al. / etc.; Acropolis 21 Building 6th Floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> H04B 10/10

(11) WO 2004/095737 (13) A2

(21) PCT/FR2004/000968

(22) 20 Apr/avr 2004 (20.04.2004)

(25) fr (26) fr

(30) 03 50117 22 Apr/avr 2003 FR (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR HIGH-SPEED, LOCAL, WIRELESS SIGNAL TRANSMISSION  
• DISPOSITIF DE TRANSMISSION LOCALE DE SIGNAUX A HAUT DEBIT SANS CABLAGE

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 PARIS (FR).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) BOUCHET, Olivier [FR/FR]; 38, rue Anatole le Braz, F-35200 RENNES (FR).  
MONERIE, Michel [FR/FR]; 8, rue de la Mairie, F-22300 PLOULEC'H (FR).  
DUTERTRE, Yvon [FR/FR]; Le Patis, F-35690 ACIGNE (FR).

(74) DU BOISBAUDRY, Dominique; BREVALEX, 3, rue du Docteur Lancereaux, F-75008 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 10/17, H01S 3/30

(11) WO 2004/095738 (13) A1

(21) PCT/EP2004/050595

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) FI2003A 000117 24 Apr/avr 2003 IT (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COUNTER-PUMPED DISTRIBUTED RAMAN AMPLIFICATION IN WAVELENGTH DIVISION MULTIPLEX OPTICAL COMMUNICATION SYSTEMS  
• AMPLIFICATION RAMAN DISTRIBUEE A CONTRE-POMPAGE DANS DES SYSTEMES DE COMMUNICATIONS OPTIQUES A MULTIPLEXAGE EN LONGUEURS D'ONDES

(71) MARCONI COMMUNICATIONS SPA [IT/IT]; Via Lodovico Calda 5, 16153 Genova (IT).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) SUGLIANI, Simone [IT/IT]; Via S. Alessandro 162, I-24122 Bergamo (IT).  
SACCHI, Giovanni [IT/IT]; Viale Sarca 96, I-20125 Milano (IT).  
DI PASQUALE, Fabrizio [IT/IT]; P. le Martin Luther King 1C, I-56100 Pisa (IT).

(74) COLLIER, Ian; Marconi Intellectual Property, Crompton Close, Basildon, Essex SS14 3BA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04B 10/17, H01S 3/30

(11) WO 2004/095739 (13) A1

(21) PCT/US2004/006635

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/397,927 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DISTRIBUTED AND DISCRETE AMPLIFICATION OF OPTICAL SIGNALS  
• AMPLIFICATION REPARTIE ET DISCRETE DE SIGNAUX OPTIQUES

(71) SPRINT COMMUNICATIONS COMPANY, L.P. [US/US]; 6391 Sprint Parkway, Mailstop: KSOPHTO101-Z2100, Overland Park, KS 66251-2100 (US).

(72) AKASAKA, Youichi; 527 Cutwater Lane, Foster City, CA 94404 (US).

(74) BORNSEN, Brett, L. et al. / etc.; Duft Setter Ollila & Bornsen, 2060 Broadway, Suite 300, Boulder, CO 80302 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04B 10/18

(11) WO 2004/095740 (13) A1

(21) PCT/JP2003/005206

(22) 23 Apr/avr 2003 (23.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • OPTICAL RECEIVER AND OPTICAL TRANSMISSION SYSTEM  
• RECEPTEUR OPTIQUE ET SYSTEME D'EMISSION OPTIQUE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).  
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(72, 75) SUGIHARA, Takashi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). TOTSUKA, Hirofumi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). MIZUOCHI, Takashi [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> H04B 11/00, G01S 15/89, H04R 1/44

(11) WO 2004/095741 (13) A1

(21) PCT/EP2004/002368

(22) 9 Mar/mar 2004 (09.03.2004)

(25) de (26) de

(30) 103 18 561.5 24 Apr/avr 2003 DE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEVICE FOR TRANSMITTING AND RECEIVING SOUND WAVES

• DISPOSITIF POUR EMETTRE ET RECEVOIR DES ONDES SONORES

(71) ATLAS ELEKTRONIK GMBH [DE/DE]; Sebaldsbrücker Heestr. 235, 28305 Bremen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PRENDEL, Peter [DE/DE]; Clausthaler Str. 20, 28844 Weyhe (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04B 13/00

(11) WO 2004/095742 (13) A2

(21) PCT/JP2004/005884

(22) 23 Apr/avr 2004 (23.04.2004)

(25) ja (26) ja

(30) 2003-120756 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMMUNICATION DEVICE AND COMMUNICATION APPARATUS

• DISPOSITIF DE COMMUNICATION ET APPAREIL DE COMMUNICATION

(71) CELL CROSS CORPORATION; 4-14-16 Kamezawa, Sumida-ku, Tokyo 130-0014 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ASAMURA, Naoya [JP/JP]; 4-23-7 Sakuradai, Nerima-ku, Tokyo 176-0002 (JP). KASAHARA, Yuichi [JP/JP]; 6-3-1-402 Waseda, Misato-shi, Saitama 341-0018 (JP). SHINODA, Hiroyuki [JP/JP]; Rm 303 My Castle Mizonokuchi Village, 325-22 Suenaga, Takatsu-ku, Kawasaki-city, Kanagawa 213-0013 (JP).

(74) MORISHITA, Sakaki; 2-11-12 Ebisu-Nishi, Shibuya-ku, Tokyo 150-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04J

(11) WO 2004/095743 (13) A2

(21) PCT/US2003/025224

(22) 13 Aug/août 2003 (13.08.2003)

(25) en (26) en

(30) 60/656480 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR TEACHING INDIVIDUAL PARTS IN A MUSICAL ENSEMBLE

• PROCEDE D'APPRENTISSAGE DE PARTIES INDIVIDUELLES DANS UN ENSEMBLE MUSICAL

(71, 72) BRETT, H., Carlton [US/US]; 50, Hillandale Road, Weston, CT 06880 (US).

(74) CRUTCHER, William, C.; McCormick Paulding & Huber, LLP, CityPlace II, 185 Asylum Street, Hartford, CT 06103-3402 (US).

(81) AU BR BY BZ CA CN CO CR EC GE IL IN JP KR LK MX NO NZ PH PL SG TT VN ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> H04J 1/16

(11) WO 2004/095744 (13) A1

(21) PCT/US2004/008471

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/397,445 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DYNAMIC ROUTING FOR DATA TRANSMISSIONS

• ROUTAGE DYNAMIQUE DE TRANSMISSIONS DE DONNEES

(71) SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DACOSTA, Behram, M. [IN/US]; 11868 Stoney Peak Drive, No.431, San Diego, CA 92128 (US).

(74) SALTER, James, H.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd., 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04J 3/06

(11) WO 2004/095745 (13) A1

(21) PCT/US2004/004104

(22) 12 Feb/fév 2004 (12.02.2004)

(25) en (26) en

(30) 10/403,852 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR SYNCHRONIZING A CONTROL CHANNEL TO A WORKING CHANNEL

• PROCEDE DE SYNCHRONISATION D'UNE VOIE DE COMMANDE PAR RAPPORT A UNE VOIE DE TRAVAIL

(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BIGGS, Robert, A. [GB/US]; 2201 Pioneer Road, Evanston, IL 60201 (US).

(74) HUGHES, Terri, S. et al. / etc.; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF



CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04J 3/08

(11) WO 2004/095746 (13) A1

(21) PCT/EP2004/050431

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 18 426.0 23 Apr/avr 2003 DE (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROTECTION SWITCHING AND MONITORING METHOD AND ARRANGEMENT IN A DATA TRANSMISSION SYSTEM

• PROCEDE ET DISPOSITIF DE COMMUTATION DE PROTECTION ET DE CONTROLE DANS UN SYSTEME DE TRANSMISSION DE DONNEES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KALMAR, Andras [AT/AT]; Krähenweg 1/2/9, A-2324 Rannersdorf (AT). PLOTZ, Wilhelm-Martin [AT/AT]; Taborstr. 74/3, A-1020 Wien (AT).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J 3/22, 3/16, H04L 12/56, 12/28

(11) WO 2004/095747 (13) A1

(21) PCT/US2004/008706

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/403,896 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR ENABLING INTELLIGENT FIBRE-CHANNEL CONNECTIVITY OVER TRANSPORT

• APPAREIL ET PROCEDE PERMETTANT UNE CONNEXION INTELLIGENTE D'UN CANAL DE FIBRES OPTIQUES SUR RESEAU DE TRANSPORT

(71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, M/S 10/2/1, San Jose, CA 95134-1706 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NATARAJAN, Sriram [IN/US]; 670 Gail Avenue, #E2, Sunnyvale, CA 94086 (US). PRASAD, Sharat [US/US]; 811 Romani Court, San Jose, CA 95125 (US). DENG, Yu [CN/US]; 1046 Sandalwood Lane, Milpitas, CA 95035 (US). WANG, Yanfeng [CN/US]; 4261 Stevenson Blvd, #273, Fremont, CA 94538 (US).

(74) LANG, Dan, H.; Ritter, Lang & Kaplan LLP, Suite D1, 12930 Saratoga Ave., Saratoga, CA 95070 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04J 11/00

(11) WO 2004/095748 (13) A1

(21) PCT/JP2003/016127

(22) 16 Dec/déc 2003 (16.12.2003)

(25) ja (26) ja

(30) 2003-118767 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-CARRIER COMMUNICATION APPARATUS

• APPAREIL DE COMMUNICATION A PORTEUSES MULTIPLES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FUJIMOTO, Kazuhisa [JP/JP]; 1-44-8-104, Kagahara, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0055 (JP).

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J 11/00

(11) WO 2004/095749 (13) A1

(21) PCT/JP2004/005996

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-119778 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RADIO TRANSMITTING/RECEIVING APPARATUS AND RADIO TRANSMITTING/RECEIVING METHOD FOR ESTIMATING NOISE AND INTERFERENCE POWER IN RATIO TRANSMISSION USING CODE SPREAD

• PROCEDE ET DISPOSITIF DE TRANSMISSION/RECEPTION RADIO DESTINES A ESTIMER LA PUISSANCE DE BRUIT ET D'INTERFERENCE DANS UNE TRANSMISSION RADIO PAR ETALEMENT A CODE

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). NTT DoCoMo, Inc. [JP/JP]; 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAKURA, Yoshikazu [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). YOSHIDA, Shousei [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). ATARASHI, Hiroyuki [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., Sanno Park Tower, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 (JP). MAEDA, Noriyuki [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., Sanno Park Tower, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 (JP).

(74) MIYAZAKI, Teruo et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 1070052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04J 13/04

(11) WO 2004/095750 (13) A1

(21) PCT/JP2004/006011

(22) 26 Apr/avr 2004 (26.04.2004)

(25) ja (26) ja

(30) 2003-119777 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CHANNEL ESTIMATION CIRCUIT AND CHANNEL ESTIMATION METHOD

- CIRCUIT D'ESTIMATION DE VOIE ET PROCEDE D'ESTIMATION DE VOIE
- (71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). **NTT DOCOMO INC.** [JP/JP]; 11-1, Nagat-cho 2-chome, Chiyoda-ku, Tokyo, 1006150 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KAKURA, Yoshikazu** [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP). **ATARASHI, Hiroyuki** [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., Sanno Park Tower, 11-1, Nagat-cho 2-chome, Chiyoda-ku, Tokyo, 1006150 (JP). **MAEDA, Noriyuki** [JP/JP]; c/o Intellectual Property Department, NTT DoCoMo, Inc., Sanno Park Tower, 11-1, Nagat-cho 2-chome, Chiyoda-ku, Tokyo, 1006150 (JP).
- (74) **MIYAZAKI, Teruo et al.** / etc.; 8th Floor, 16th Kowa Bldg. 9-20, Akasaka 1-chome, Minato-ku, Tokyo, 1070052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04J 14/02**
- (11) **WO 2004/095752** (13) A1
- (21) PCT/GB2004/001668
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 0308951.3 **17 Apr/avr 2003 GB (17.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • DATA FORMAT FOR HIGH BIT RATE WDM TRANSMISSION  
• FORMAT DE DONNEES POUR TRANSMISSION A MULTIPLEXAGE DE LONGUEURS D'ONDE A HAUT DEBIT BINAIRE
- (71) **AZEA NETWORKS LTD** [GB/GB]; Bates House, Church Road, Harold Wood, Romford, Essex, RM3 0SD (GB).
- (72, 75) **TURITSYN, Sergei** [RU/GB]; School of Engineering and Applied Science, Aston University, Birmingham B4 7ET (GB). **FEDORUK, Mickail** [RU/RU]; Institute of Computational Technologies, Lavrentiev Avenue, 6, Novosibirsk, 630090 (RU). **SHAPIRO, Elena, G.** [RU/RU]; Institute of Automation and Electrometry, Russian Academy of Science, Novosibirsk, 630090 (RU).
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- (51)<sup>7</sup> **H04J 14/02**
- (11) **WO 2004/095751** (13) A1
- (21) PCT/GB2004/001376
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 0308655.0 **15 Apr/avr 2003 GB (15.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • OPTICAL NETWORK, AND METHOD, FOR THE TRANSMISSION OF WDM CHANNELS  
• RESEAU OPTIQUE ET PROCEDE DE TRANSMISSION DE CANAUX DE MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDES
- (71) **MARCONI UK INTELLECTUAL PROPERTY LIMITED** [GB/GB]; P.O. Box 53, New Century Park, Coventry CV3 1HJ (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FEWS, Hayden** [GB/GB]; 74 Lincoln Way, Daventry, Northamptonshire NN11 4SU (GB). **PACKHAM, Robert** [GB/GB]; 6 Alvis House, Manor House Drive, Coventry CV1 2EE (GB). **PEGG, Steven** [GB/GB]; 2 Henry Bird Court, Southbridge, Northampton, Northants NN4 8GF (GB).
- (74) **WATERS, Jeffrey**; Marconi Intellectual Property, Crompton Close, Basildon, Essex SS14 3BA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L**
- (11) **WO 2004/095753** (13) A2
- (21) PCT/US2004/010070
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 10/418,457 **17 Apr/avr 2003 US (17.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A METHOD AND APPARATUS FOR MANAGING WIRELESS MOBILE TERMINALS  
• PROCEDE ET DISPOSITIF POUR GERER DES TERMINAUX MOBILES HERTZIENS
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ADWANKAR, Sandeep, M.** [IN/US]; 1224 East Algonquin Road, #3S, Schaumburg, IL 60173 (US). **NARASIMHAN, Nitya** [IN/US]; 1919 Prairie Square, #304, Schaumburg, IL 60173 (US). **VASUDEVAN, Venugopal** [US/US]; 4741 Fairfax Avenue, Palatine, IL 60067 (US).
- (74) **WATANABE, Hisashi, David et al.** / etc.; 600 North US Highway 45, Libertyville, IL 60048 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L**
- (11) **WO 2004/095754** (13) A2
- (21) PCT/US2004/011756
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) en (26) en
- (30) 10/418,312 **17 Apr/avr 2003 US (17.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SERVER-BASED CRYPTOGRAPHY  
• CRYPTOGRAPHIE BASEE SUR UN SERVEUR
- (71) **TECSEC, INCORPORATED** [US/US]; Suite 220, 1953 Gallows Road, Vienna, VA 22182 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SCHEIDT, Edward, M.** [US/US]; 1953 Gallows Road, Suite 220, Vienna, VA 22182 (US). **WACK, C., Jay** [US/US]; 1953 Gallows Road, Suite 220, Vienna, VA 22182 (US).
- (74) **CHAMPAGNE, Thomas, M.**; IP Strategies, P.C., 12 1/2 Wall Street, Suite I, Asheville, NC 28801 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2004/095755 (13) A2

(21) PCT/US2004/012023

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/414,825 16 Apr/avr 2003 US  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR IN-  
TERNET PROTOCOL TELEPHONY  
ADVERTISEMENT PROTOCOL

• SYSTEME ET PROCEDE CONÇUS  
POUR UN PROTOCOLE PUBLICI-  
TAIRE DE TELEPHONIE SUR IP

(71) LEVEL 3 COMMUNICATIONS, INC.  
[US/US]; 1025 Eldorado Boulevard, Broom-  
field, Colorado 80021 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(71, 72) GOODMAN, Lee [US/US]; 99 Groton  
Road, Tyngsboro, Massachusetts 01879 (US).  
DOIRON, Eric [US/US]; 110 Dudley Street,  
Cambridge, Massachusetts 02140 (US).

(74) DESANCTIS, Michael A. et al. / etc.;  
FAEGRE & BENSON LLP, 3200 Wells  
Fargo Center, 1700 Lincoln Street, Denver,  
Colorado 80203-4532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2004/095756 (13) A2

(21) PCT/US2004/012175

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 10/421,488 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR DIS-  
TRIBUTING INFORMATION IN A  
NETWORK ENVIRONMENT

• SYSTEME ET PROCEDE DE DISTRI-  
BUTION D'INFORMATION DANS UN  
ENVIRONNEMENT DE RESEAU

(71) CISCO TECHNOLOGY, INC. [US/US];  
170 West Tasman Drive, San Jose, CA 95134  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) DAS, Amitava; 109 Pebble Springs Road,  
Chapel Hill, NC 27514 (US). MALAVIYA,  
Viren, K.; 19930 Portal Plaza, Cupertino, CA  
95014 (US).

(74) SHOWALTER, Barton, E.; Baker Botts,  
L.L.P., Suite 600, 2001 Ross Avenue, Dallas,  
TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les  
désignations

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> H04L

(11) WO 2004/095757 (13) A2

(21) PCT/US2004/012339

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/465,096 23 Apr/avr 2003 US  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RATE ADAPTIVE DATA BROADCAST  
TECHNIQUE

• TECHNIQUE DE RADIODIFFUSION  
DE DONNEES A DEBIT ADAPTABLE

(71, 72) PATWARDHAN, Niket, Keshav  
[US/US]; 3673 Deedham Drive, San Jose,  
CA 95148 (US).

(74) PATWARDHAN, Niket; P.O. Box 675,  
Santa Clara, CA 95052 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L

(11) WO 2004/095758 (13) A2

(21) PCT/US2004/012403

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 10/420,362 22 Apr/avr 2003 US  
(22.04.2003)

(30) 10/628,603 28 Jul/juil 2003 US  
(28.07.2003)

(30) 60/510,495 10 Oct/oct 2003 US  
(10.10.2003)

(30) 60/481,706 26 Nov/nov 2003 US  
(26.11.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SIGNAL CLASSIFICATION METHODS  
FOR SCANNING RECEIVER AND  
OTHER APPLICATIONS  
• PROCEDES DE CLASSIFICATION  
DE SIGNAUX POUR RECEPTEUR A  
EXPLORATION ET AUTRES APPLI-  
CATIONS

(71) COGNIO, INC. [US/US]; 101 Orchard  
Ridge Drive, Suite 350, Gaithersburg, MD  
20878 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) MILLER, Karl, A. [US/US]; 210 Mag-  
nolia Avenue, Frederick, MD 21701 (US).  
MASON, David, F. [US/US]; P.O. Box 1109,  
Germantown, MD 20875 (US).

(74) FLOAM, D., Andrew; Intellectual Property  
Counsel, Cognio, Inc., 101 Orchard Ridge  
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(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2004/095759 (13) A2

(21) PCT/US2004/012453

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 60/464,544 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONCATENATED ITERATIVE FOR-  
WARD ERROR CORRECTION COD-  
ING

• CODAGE ENCHAINE ITERATIF DE  
CORRECTION D'ERREUR SANS VOIE  
DE RETOUR

(63) US 60/464,544 (CON)  
22 Apr/avr 2003 (22.04.2003)

(71) VITESSE SEMICONDUCTOR CORPORATION [US/US]; 55 Vista Montana, San Jose, CA 95134 (US).

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(72, 75) SRIVASTAVA, Aporv [NL/US]; 20 Cartier Drive, Franklin Park, NJ 08823 (US).  
VELINKER, Avinash [IN/US]; 3729 McIntosh Drive, Orefield, PA 18069 (US).

(74) BORODACH, Samuel et al. / etc.; Fish & Richardson P.C., Suite 2800, 45 Rockefeller Plaza, New York, NY 10111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US (Patent / brevet) UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2004/095760 (13) A2

(21) PCT/US2004/005792

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 10/397,767 26 Mar/mar 2003 US (26.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AUDIO DATA PROCESSING SYSTEMS AND METHODS UTILIZING HIGH OVERSAMPLING RATES

• SYSTEMES ET PROCEDES DE TRAITEMENT DE DONNEES AUDIO UTILISANT DES FREQUENCES DE SUR-ECHANTILLONNAGE ELEVEES

(71) CIRRUS LOGIC INC. [US/US]; Legal Department, 2901 Via Fortuna, Austin, TX 78746 (US).

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(72, 75) MELANSON, John, Laurence [US/US]; 901 West 9th Street, Apt. 201, Austin, TX 78703 (US).

(74) MURPHY, James, J. et al. / etc.; 1700 Pacific Ave., Suite 3300, Dallas, TX 75201-4693 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04L

(11) WO 2004/095761 (13) A2

(21) PCT/US2004/006963

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 10/406,715 3 Apr/avr 2003 US (03.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTIPLE DESCRIPTION HINTING AND SWITCHING FOR ADAPTIVE MEDIA SERVICES

• REPERAGE ET COMMUTATION DE DESCRIPTION MULTIPLE POUR DES SERVICES MEDIA ADAPTATIFS

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York, NY 10504 (US).

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(72) AMINI, Lisa; #480 Fisher Pond Road, Yorktown Heights, NY 10598 (US). FROSSARD, Pascal; Rue du Pays d'Enhaut #57, 1630 Bulle (CH). VERSCHEURE, Olivier; #170 Adelphi Avenue, Harrison, NY 10528 (US). WESTERINK, Peter; #10 Yates Avenue, Ossining, NY 10562 (US).

(74) CHAU, Frank et al. / etc.; F. Chau & Associates, LLC, 1900 Hempstead Turnpike, Suite 501, East Meadow, NY 11554 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2004/095762 (13) A2

(21) PCT/US2004/007546

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en

(26) en

(30) 10/407,931 4 Apr/avr 2003 US (04.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS, AND ASSOCIATED METHOD, FOR FACILITATING DYNAMIC FILTERING OF A RECEIVE SIGNAL

• DISPOSITIF ET PROCEDE CORRESPONDANT POUR FACILITER LE FILTRAGE DYNAMIQUE D'UN SIGNAL REÇU

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(for all designated States except / pour tous les États désignés sauf US)

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).

(only for / seulement pour LC)

(72, 75) PAN, Li [CA/US]; 13363, Gabilan Road, San Diego, CA 92128 (US).  
AGRAWAL, Rakesh [IN/US]; 13904 Capewood Drive, Apt.347, San Diego, CA 92128 (US).

(74) KELLY, Robert H. et al. / etc.; Scheef & Stone, L.L.P., 5956 Sherry Lane, Suite 1400, Dallas, TX 75225 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2004/095763 (13) A2

(21) PCT/US2004/007708

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 60/460,571 7 Apr/avr 2003 US (07.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TRANSMISSION CANCELLER FOR WIRELESS LOCAL AREA NETWORK

• SUPPRESSEUR DE TRANSMISSION POUR RESEAU LOCAL SANS FIL

(71) WIDEFI, INC. [US/US]; 476 Hwy A1A, Suite 3, Satellite Beach, FL 32937 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PROCTOR, James, A., Jr. [US/US]; WiDeFi, Inc., 476 Hwy A1A, Suite 3, Satellite Beach, FL 32937 (US).  
GAINNEY, Kenneth, M. [US/US]; WiDeFi, Inc., 476 Hwy A1A, Suite 3, Satellite Beach, FL 32937 (US).

(74) POSZ, David, G. et al. / etc.; Posz & Bethards, PLC, 11250 Roger Bacon Drive, Suite 10, Reston, VA 20190 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2004/095764 (13) A2

(21) PCT/US2004/007850

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 10/400,998 27 Mar/mar 2003 US (27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WIRELESS COMMUNICATION NETWORK INCLUDING DIRECTIONAL AND OMNIDIRECTIONAL COMMUNICATION LINKS AND RELATED METHODS

• RESEAU DE COMMUNICATION SANS FIL COMPRENANT DES LIAISONS DE COMMUNICATION DIRECTIONNELLES ET OMNIDIRECTIONNELLES ET PROCEDES ASSOCIES

(71) HARRIS CORPORATION [US/US]; 1025 W. NASA Blvd., Melbourne, FL 32919 (US).

(72) CAIN, Joseph, Bibb; 200 Melbourne Avenue, Indialantic, FL 32903 (US).

(74) YATSKO, Michael, S. et al. / etc.; Harris Corporation, 1025 W. NASA Blvd, Melbourne, FL 32919 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L

(11) WO 2004/095765 (13) A2

(21) PCT/US2004/008160

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/458,347 27 Mar/mar 2003 US (27.03.2003)

(30) 10/686,055 14 Oct/oct 2003 US (14.10.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR ESTIMATING AND CONTROLLING INITIAL TIME SLOT GAIN IN A WIRELESS COMMUNICATION SYSTEM

• PROCEDE ET APPAREIL PERMETTANT D'ESTIMER ET DE COMMANDER LE GAIN D'INTERVALLE DE TEMPS INITIAL DANS UN SYSTEME DE COMMUNICATION SANS FIL

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANG, Rui [CN/US]; 14 Burns Court, Greenlawn, NY 11740 (US). GRIECO, Donald, M. [US/US]; 18 Shore Road, Manhasset, NY 11030 (US). KAZAKEVICH, Leonid [US/US]; 95 Roundtree Drive, Plainview, NY 11803 (US).

(74) BALLARINI, Robert, J.; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 1/00, H03M 13/27, 13/29

(11) WO 2004/095766 (13) A1

(21) PCT/IB2004/001112

(22) 13 Apr/avr 2004 (13.04.2004)

(25) en (26) en

(30) 0308438.1 14 Apr/avr 2003 GB (14.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMMUNICATION UNIT AND METHOD OF ENCODING/DECODING DATA THEREIN

• UNITE DE COMMUNICATION ET PROCEDE DE CODAGE ET DE DECODAGE DE DONNEES DANS L'UNITE

(71) MODEM-ART LIMITED [IL/IL]; 5 Hayezira Street, P.O. Box 2650, Ra'anana 43663 (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOFMAN, Yossi [IL/IL]; 4 HaShaked Street, Ra'anana 43226 (IL). JASHEK, Ronen [IL/IL]; Moshav Yashresh 4, Zip 76838 (IL). BEN-ZUR, Avi [IL/IL]; 4 Simtat HaChoma Street, Ra'anana 43331 (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US

(51)<sup>7</sup> H04L 7/00

(11) WO 2004/095767 (13) A2

(21) PCT/FR2004/000957

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03 04851 18 Apr/avr 2003 FR (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR READING RECORDINGS ON TERMINALS AND METHOD FOR TRANSMISSION OF DATA TO TERMINALS

• PROCEDE DE LECTURE D'ENREGISTEMENTS DE TERMINAUX ET PROCEDE DE TRANSMISSION DE DONNEES A DES TERMINAUX

(71) FRANCE TELECOM [FR/FR]; 6, Place d'Alleray, F-75015 PARIS (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARON, Didier [FR/FR]; 98, rue Branville Bât B, F-14000 CAEN (FR). BURY, Emmanuel [FR/FR]; Résidence du Moulin, Appt 2 - Route de Rouen, F-14130 PONT L'EVEQUE (FR). FLAMANT, Eric [FR/FR]; 5, avenue Mme de Ségur, F-14000 CAEN (FR).

(74) CABINET REGIMBEAU; Espace Performance, Bâtiment K, F-35769 SAINT GREGOIRE CEDEX (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 7/033, 25/06

(11) WO 2004/095768 (13) A1

(21) PCT/US2004/004218

(22) 11 Feb/fév 2004 (11.02.2004)

(25) en (26) en

(30) 10/404,783 31 Mar/mar 2003 US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RECEIVER SYSTEM WITH ADJUST-  
MENT OF SAMPLING PHASE AND  
SAMPLING THRESHOLD

• SYSTEME RECEPTEUR AVEC  
REGLAGE DE LA PHASE  
D'ECHANTILLONNAGE ET DU SEUIL  
D'ECHANTILLONNAGE

(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).

(72) DIETRICH, Casper; Frederiksborgvej  
103A, DK-4000 Roskilde (DK). CHRIS-  
TENSEN, Steen; Frederiksborgvej 105F,  
DK-4000 Roskilde (DK).

(74) MALLIE, Michael, J. et al. / etc.; Blakely  
Sokoloff Taylor & Zafman, 12400 Wilshire  
Boulevard, 7th Floor, Los Angeles, CA 90025  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> H04L 7/033

(11) WO 2004/095769 (13) A2

(21) PCT/US2004/005833

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/403,145 31 Mar/mar 2003 US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOCAL RECEIVE CLOCK SIGNAL  
ADJUSTMENT

• REGLAGE DE SIGNAL D'HORLOGE  
DE RECEPTION LOCAL

(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(71, 72) DABRAL, Sanjay [IN/US]; 4125  
Sutherland Drive, Palo Alto, CA 94303  
(US). JENSEN, Richard, [US/US]; 4020

East Sundance Court, Gilbert, AZ 85297  
(US). CHAUDHURI, Santanu [IN/US];  
1983 San Luis Avenue, #8, Mountain View,  
CA 94043 (US).

(only for / seulement pour US)

(74) BUCKLEY, Patrick, J. et al. / etc.; Buckley,  
Maschoff & Talwalkar, LLC, Five Elm Street,  
New Canaan, CT 06840 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> H04L 9/30

(11) WO 2004/095770 (13) A1

(21) PCT/GB2004/001708

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 0309182.4 23 Apr/avr 2003 GB  
(23.04.2003)

(30) 0311724.9 22 May/mai 2003 GB  
(22.05.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • BIOMETRIC BASED IDENTITY  
BASED ENCRYPTION METHOD AND  
APPARATUS

• PROCEDE ET DISPOSITIF DE CRYPTAGE  
FONDES SUR L'IDENTITE  
DETERMINEE PAR DONNEES BIO-  
METRIQUES

(71) HEWLETT-PACKARD DEVELOP-  
MENT COMPANY, L.P. [US/US]; 20555  
S.H. 249, Houston, TX 77070 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) CHEN, Liqun [GB/GB]; 1 Harvest  
Close, Bradley Stoke, Bristol BS32 9DQ  
(GB). HARRISON, Keith, Alexander  
[GB/GB]; Kismet, Penmoel Lane, Wood-  
croft, Chepstow, Monmouthshire NP16 7PX  
(GB).

(74) SQUIBBS, Robert, Francis; Hewlett-  
Packard Limited, Intellectual Property Sec-  
tion, Filton Road, Stoke Gifford, Bristol  
BS34 8QZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 9/30

(11) WO 2004/095771 (13) A1

(21) PCT/JP2004/005528

(22) 14 Apr/avr 2004 (14.04.2004)

(25) en (26) en

(30) 2003-119973 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PARAMETER GENERATION APPA-  
RATUS, ENCRYPTION SYSTEM, DE-  
CRYPTION SYSTEM, ENCRYPTION  
APPARATUS, DECRYPTION APPA-  
RATUS, ENCRYPTION METHOD,  
DECRYPTION METHOD, AND PRO-  
GRAM THEREOF

• APPAREIL DE CREATION DE PA-  
RAMETRES POUR SYSTEME NTRU,  
SYSTEME DE CRYPTAGE ET DE DE-  
CRYPTAGE NTRU, APPAREIL, PRO-  
CEDE ET PROGRAMME METTANT  
EN OEUVRE LEDIT APPAREIL DE  
CREATION DE PARAMETRES

(71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO. LTD. [JP/JP]; 1006, Oaza  
Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)

(71) YAMAMICHI, Masami (heir of the de-  
ceased inventor / héritier de l'inventeur  
décédé)  
(only for / seulement pour US)

(72) YAMAMICHI, Masato (deceased / décédé).

(72, 75) FUTA, Yuichi OHMORI, Motoji-  
TATEBAYASHI, Makoto

(74) NII, Hiromori; c/o NII Patent Firm,  
3rd Floor, Shin-Osaka Suchiro Center  
Bldg., 11-26, Nishinakajima 3-chome, Yo-  
dogawa-ku, Osaka-shi, Osaka 5320011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OMP GH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 9/32, G06F 15/00

(11) WO 2004/095772 (13) A1

(21) PCT/JP2004/005741

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-115755 21 Apr/avr 2003 JP  
(21.04.2003)

(30) 2003-188141 30 Jun/juin 2003 JP  
(30.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • DEVICE AUTHENTICATION SYSTEM  
• SYSTEME D'AUTHENTIFICATION POUR DISPOSITIF

(71) SONY CORPORATION [JP/JP]; 7-35, Kishinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIURA, Takayuki [JP/JP]ONO, Tsuyoshi [JP/JP]SUZUKI, Naoshi [JP/JP]MIYATA, Kouji [JP/JP]

(74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo, 1050001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 9/32

(11) WO 2004/095773 (13) A2

(21) PCT/US2004/007040

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/412,366 11 Apr/avr 2003 US (11.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ESTABLISHING TRUST WITHOUT REVEALING IDENTITY  
• ETABLISSEMENT DE CONFIANCE SANS REVELATION D'IDENTITE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) BRICKELL, Ernie; 3106 N.W. Luray Terrace, Portland, OR 97210 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/02

(11) WO 2004/095774 (13) A1

(21) PCT/CN2004/000155

(22) 1 Mar/mar 2004 (01.03.2004)

(25) zh (26) zh

(30) 03128406.X 23 Apr/avr 2003 CN (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF IMPLEMENTING LONG DISTANCE VERY-HIGH-RATE DIGITAL SUBSCRIBER LINE

• PROCEDE DE MISE EN OEUVRE D'UNE LIGNE LONGUE DISTANCE A TRES HAUT DEBIT POUR ABONNES NUMERIQUES

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Administration Building, Bantian Longgang District, Shenzhen, Guangdong 518129 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANG, Tao [CN/CN]; Huawei Administration Building, Bantian Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) UNITALEN ATTORNEYS AT LAW; WANG, Xueqiang, 7th Floor Scitech Place, No.22 Jian Guo Men Wai Ave., Chaoyang District, Beijing 100004 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/28

(11) WO 2004/095775 (13) A1

(21) PCT/GB2004/001637

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/418,567 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AUTOMATICALLY CONFIGURING A COMPUTER FOR DIFFERENT LOCAL AREA NETWORKS

• CONFIGURATION AUTOMATIQUE D'UN ORDINATEUR POUR DIFFERENTS RESEAUX LOCAUX

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth Hampshire PO6 3AU (GB).

(only for / seulement pour MG)

(72, 75) BHOGAL, Kulvir, Singh [US/US]; 137 Willow Ridge Road, Fort Worth, Texas 76103-1054 (US). DINH, Hung [US/US]; 1809 Maize Bend Drive, Austin, Texas 78727 (US). HU, Teng [CA/US]; 15822 Dorman Drive, Austin, Texas 78717 (US). SIDHU, Mandeep [US/US]; 15216 Drusilla's Drive, Pflugerville, Texas 78660 (US).

(74) BURT, Roger, James; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/28

(11) WO 2004/095776 (13) A2

(21) PCT/JP2004/004991

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 2003-116838 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WIRELESS ACCESS SYSTEM AND METHOD  
• PROCEDE ET SYSTEME D'ACCES SANS FIL

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIHO, TsutomuSASAI, Hiroyuki

(74) OGASAWARA, Shiro; Daisan-Longev' Bldg., 3-11, Enokicho, Suita-shi, Osaka 5640053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 12/28, G06F 3/12

(11) WO 2004/095777 (13) A1

(21) PCT/JP2004/005233

- (22) 13 Apr/avr 2004 (13.04.2004)  
(25) en (26) en  
(30) 2003-118839 23 Apr/avr 2003 JP  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INFORMATION PROCESSING APPARATUS AND CONNECTION CONTROL METHOD  
• APPAREIL DE TRAITEMENT DES INFORMATIONS ET PROCÉDE DE COMMANDE DE CONNEXION
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HIROSE, Takatoshi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).
- (74) OHTSUKA, Yasunori; 7th FL., SHUWA KIOICHO PARK BLDG., 3-6, KIOICHO, CHIYODA-KU, Tokyo, 1020094 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/42  
(11) WO 2004/095779 (13) A1  
(21) PCT/JP2003/005269  
(22) 24 Apr/avr 2003 (24.04.2003)  
(25) ja (26) ja  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INTER-RING CONNECTION DEVICE AND DATA TRANSFER CONTROL METHOD  
• DISPOSITIF DE CONNEXION ENTRE ANNEAUX ET PROCÉDE DE COMMANDE DE TRANSFERT DE DONNEES
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAKATORI, Kou [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) TOYAMA, Tsutomu et al. / etc.; Acropolis 21 Building 6th Floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).
- (81) JP US.
- 
- (51)<sup>7</sup> H04L 12/46, 12/56  
(11) WO 2004/095780 (13) A1  
(21) PCT/JP2003/005199  
(22) 23 Apr/avr 2003 (23.04.2003)  
(25) ja (26) ja  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NETWORK CONNECTION METHOD, NETWORK CONNECTION SYSTEM, LAYER 2 SWITCH CONSTITUTING THE SAME, AND MANAGEMENT SERVER  
• PROCÉDE DE CONNEXION DE RESEAU, SYSTEME DE CONNEXION DE RESEAU, COMMUTATEUR DE COUCHE 2 RELATIF AUX PROCÉDE ET SYSTEME ET SERVEUR DE GESTION
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- 
- (51)<sup>7</sup> H04L 12/28, G06F 3/12  
(11) WO 2004/095778 (13) A1  
(21) PCT/JP2004/005588  
(22) 20 Apr/avr 2004 (20.04.2004)  
(25) en (26) en  
(30) 2003-119052 23 Apr/avr 2003 JP  
(23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • WIRELESS COMMUNICATION SYSTEM, AND WIRELESS COMMUNICATION DEVICE AND CONTROL METHOD  
• SYSTEME ET DISPOSITIF DE COMMUNICATION SANS FIL, ET PROCÉDE DE CONTROLE ASSOCIE
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) WATANABE, Mitsuhiro [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). FUJII, Ken'ichi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). NAKAHARA, Masanori [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).
- 
- (51)<sup>7</sup> H04L 12/56, 12/28  
(11) WO 2004/095781 (13) A1  
(21) PCT/CA2003/001810  
(22) 21 Nov/nov 2003 (21.11.2003)  
(25) en (26) en  
(30) 60/464,844 23 Apr/avr 2003 US  
(23.04.2003)  
(30) 10/682,088 10 Oct/oct 2003 US  
(10.10.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ROUTING QUALITY-OF-SERVICE TRAFFIC IN A WIRELESS SYSTEM  
• ACHEMINEMENT D'UN FLUX DE TRAFIC PRESENTANT UNE QUALITE DE SERVICE REQUISE DANS UN SYSTEME SANS FIL
- (71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Quebec H4S 2A9 (CA).
- (72) MAHMOOD, Hamid; 25 Scampton Drive, Kanata, Ontario K2W 1G1 (CA). GAGE, William; 15 Buttonwood Trail, Stittsville, Ontario K2S 1C9 (CA).
- (74) WALTERS, David, M. et al. / etc.; Smart & Biggar, P.O.Box 2999, Station D, 900-55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 12/56  
(11) WO 2004/095782 (13) A1  
(21) PCT/EP2004/050575  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) en (26) en  
(30) 10-2003-0025223 21 Apr/avr 2003 KR  
(21.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • NETWORK TRAFFIC CONTROL SYSTEM  
• SYSTEME DE REGULATION DE TRAFIC DANS UN RESEAU
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333



- München (DE). **DASAN NETWORKS** [KR/KR]; 6 F Kosmo Tower, 1002 Daechi-dong, Gangnam-gu, Seoul 135-280 (KR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Seungdong** [KR/KR]; 6-603 Misung APT, 248 Bulgwang 1-dong, Eunpyeong, Seoul 122-751 (KR). **SHIN, Dongchul** [KR/KR]; 425 Segok-dong, Gangnam-gu, Seoul 135-190 (KR).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, München 80506 (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H04L 12/56**
- (11) **WO 2004/095783** (13) A2
- (21) PCT/FR2004/000955
- (22) **16 Apr/avr 2004 (16.04.2004)**
- (25) fr (26) fr
- (30) 03/04903 **18 Apr/avr 2003 FR (18.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND DEVICE FOR CONTROLLING DATA PACKET TRAFFIC AT THE INPUT OF A NETWORK, AND CORRESPONDING COMPUTER PROGRAM AND NETWORK EQUIPMENT
- PROCEDE ET DISPOSITIF DE CONTROLE D'UN TRAFIC DE PAQUETS DE DONNEES EN ENTRÉE D'UN RESEAU, PROGRAMME D'ORDINATEUR ET EQUIPEMENT RESEAU CORRESPONDANTS
- (71) **FRANCE TELECOM** [FR/FR]; 6 Place d'Alleray, F-75015 Paris (FR).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BABONNEAU, Gérard** [FR/FR]; 8, Allée du marché, F-35235 Thorigné fouillard (FR). **LOUDHAIEF, Wissem** [FR/FR]; 39Ter, Boulevard de la Liberté, F-35000 Rennes (FR).
- (74) **GUENE, P.**; Cabinet Vidon, 16B, rue de Jouanet-BP 90333, F-35703 Rennes Cedex 7 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> **H04L 12/56, H04Q 11/04**
- (11) **WO 2004/095785** (13) A1
- (21) PCT/US2004/007656
- (22) **12 Mar/mar 2004 (12.03.2004)**
- (25) en (26) en
- (30) 10/420,360 **21 Apr/avr 2003 US (21.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • AGGREGATING DATA
- AGREGATION DE DONNEES
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) **BECKER, Matthew**; 631 Catalpa Street, Maxwell AFB, AL 36113 (US).
- (74) **HARRIS, Scott, C. et al.** / etc.; Fish & Richardson, P.C., 12390 El Camino Real, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> **H04L 12/66**
- (11) **WO 2004/095786** (13) A1
- (21) PCT/US2004/006242
- (22) **26 Feb/fév 2004 (26.02.2004)**
- (25) en (26) en
- (30) 10/400,132 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INTERWORKING DISPATCH SERVICES NETWORK
- RESEAU DE SERVICE DE DEPECHE D'INTERFONCTIONNEMENT
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ALBAL, Nandakishore, A.** [US/US]; 11329 East Autumn Sage Drive, Scottsdale, AZ 85255 (US). **ARMBRUSTER, Peter, J.** [US/US]; 4941 West Flint Street, Chandler, AZ 85226 (US). **HALLIN, Thomas, G.** [US/US]; 1396 Oxford Lane, Wheaton, IL 60187 (US). **SCHAEFER, Bradley, R.** [US/US]; 1206 West Armstrong Way, Chandler, AZ 85248 (US). **SHAUGHNESSY, Mark, L.** [US/US]; 1215 East Squawbush Place, Phoenix, AZ 85048 (US). **UPP, Steven, D.** [US/US]; 331 Wentworth Lane, Bartlett, IL 60103 (US). **WORGER, William, R.** [US/US]; 2134 East Desoto Way, Gilbert, AZ 85234 (US). **XENAKIS, George** [US/US]; 1944 East Morgan Drive, Tempe, AZ 85284 (US).
- (74) **KOCH, William, E.**; 3102 North 56th Street, AZ11/56-238, Phoenix, AZ 85018-6606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 12/66

(11) WO 2004/095787 (13) A1

(21) PCT/US2004/007297

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/402,433 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR  
GROUP CALL SERVICES

• PROCEDE ET APPAREIL RELATIFS  
A DES SERVICES D'APPELS DE  
GROUPES

(71) MOTOROLA INC. [US/US]; 1303 East Al-  
gonquin Road, Schaumburg, Illinois 60196  
(US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ALBAL, Nandakishore, A. [US/US];  
11329 East Autumn Sage Drive, Scottsdale,  
Arizona 85255 (US). ARMBRUSTER,  
Peter, J. [US/US]; 4941 West Flint Street,  
Chandler, Arizona 85226 (US). HALLIN,  
Thomas, G. [US/US]; 1396 Oxford Lane,  
Wheaton, Illinois 60187 (US). OXLEY,  
Derek, A. [GB/US]; 875 West Azalea Drive,  
Chandler, Arizona 85248 (US). SHORES,  
William, N. [US/US]; 1343 West Muir-  
wood Drive, Phoenix, Arizona 85045 (US).  
WORGER, William, R. [US/US]; 2134 East  
Desoto Way, Gilbert, Arizona 85234 (US).  
XENAKIS, George [US/US]; 1944 East  
Morgan Drive, Tempe, Arizona 85284 (US).

(74) KOCH, William, E.; 3102 North 56th Street,  
AZ11/56-238, Phoenix, AZ 85018-6606  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 12/66

(11) WO 2004/095788 (13) A1

(21) PCT/US2004/007683

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/402,741 29 Mar/mar 2003 US  
(29.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR ROUT-  
ING TELEPHONE CALLS INVOLVING  
INTERNET PROTOCOL NETWORK

• SYSTEME ET PROCEDE  
D'ACHEMINEMENT D'APPELS  
TELEPHONIQUE IMPLIQUANT UN  
RESEAU A PROTOCOLE INTERNET

(71) INTRADO, INC. [US/US]; 1601 Dry Creek  
Drive, Longmont, CO 80503 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72) EISNER, Gerald; 6S541 Bridlespur Drive,  
Naperville, IL 60540 (US). KNOX, Mark,  
Clinton; 1609 Zinnia Circle, Lafayette, CO  
80026 (US).

(74) KNEPPER, Bradley, M. et al. / etc.; Sheri-  
dan Ross P.C., 1560 Broadway, Suite 1200,  
Denver, CO 80202-5141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04L 25/03

(11) WO 2004/095789 (13) A1

(21) PCT/US2004/010493

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 10/421,014 22 Apr/avr 2003 US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND APPARATUS FOR THE  
CONTROL OF A DECISION FEED-  
BACK EQUALIZER

• PROCEDE ET APPAREIL DE COM-  
MANDE D'UN EGALISEUR A DECI-  
SION RETROACTIVE

(71) ZENITH ELECTRONICS CORPORA-  
TION [US/US]; 2000 Millbrook Drive,  
Lincolnshire, IL 60069 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) FIMOFF, Mark [US/US]; 1020 Con-  
cord Lane, Hoffman Estates, IL 60195 (US).  
HILLERY, William, J. [US/US]; 2417  
Farmington Place, Lafayette, IN 47905 (US).

NERAYANURU, Sreenivasa, M. [IN/US];  
411 Inland Drive, Apt. 1A, Wheeling, IL  
60090 (US). OZEN, Serdar [TR/US]; 174  
Hemingway Court, Vernon Hills, IL 60061  
(US). PLADDY, Christopher J. [US/US];  
462 West Briar Place, 2nd Floor, Chicago,  
IL 60657 (US). ZOLTOWSKI, Michael, D.  
[US/US]; 154 Gibson Court, West Lafayette,  
IN 47906 (US).

(74) JOIKE, Trevor, B.; 6600 Sears Tower, 233  
S. Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU

PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les  
désignations suivantes : AE AG AL AM AT AU  
AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for all designations / pour toutes les  
désignations

(51)<sup>7</sup> H04L 27/00

(11) WO 2004/095790 (13) A1

(21) PCT/US2004/007710

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,791 28 Mar/mar 2003 US  
(28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND SYSTEM FOR DETER-  
MINING USER LOCATION IN A WIRE-  
LESS COMMUNICATION NETWORK

• PROCEDE ET SYSTEME POUR DE-  
TERMINER L'EMPLACEMENT D'UN  
UTILISATEUR DANS UN RESEAU DE  
COMMUNICATIONS SANS FIL

(71) UNIVERSITY OF MARYLAND [US/US];  
6200 Baltimore Avenue, Suite 300, Riverdale,  
MD 20737 (US).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) AGRAWALA, Ashok, K. [US/US];  
18100 New Hampshire Avenue, Ashton,  
MD 20861 (US). YOUSSEF, Moustafa  
[EG/US]; 4410 Oglethorpe Street, Apt. 712,  
Hyattsville, MD 20781 (US).

(74) ROSENBERG, Morton, J. et al. / etc.;  
Rosenberg, Klein & Lee, 3458 Ellicott Center  
Drive, Suite 101, Ellicott City, MD 21043  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04L 27/26

(11) WO 2004/095791 (13) A1

(21) PCT/FR2004/000958

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/04846 17 Apr/avr 2003 FR (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RADIO DATA TRANSMISSION METHOD EMPLOYING SEVERAL DIFFERENT PILOT PATTERNS, CORRESPONDING BASE STATION, MOBILE, SYSTEM AND RECEPTION METHOD

• PROCEDE DE TRANSMISSION DE DONNEES RADIO METTANT EN OEUVRE PLUSIEURS MOTIFS DE PILOTES DISTINCTS, PROCEDE DE RECEPTION, SYSTEME, MOBILE ET STATION DE BASE CORRESPONDANTS

(71) WAVECOM [FR/FR]; Immeuble Bord de Seine, 3, Esplanade du Foncet, F-92442 Issy-les-Moulineaux (FR).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IBRAHIM, Nicolas [FR/FR]; 72, rue Château des Rentiers, F-75013 Paris (FR).

(74) VIDON, Patrice; Cabinet Patrice Vidon, 16B, rue de Jouanet, BP 90333, F-35703 Rennes Cedex 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 27/26, H04Q 7/36, H04L 12/28

(11) WO 2004/095792 (13) A1

(21) PCT/IB2003/001502

(22) 23 Apr/avr 2003 (23.04.2003)

(25) it (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RADIOTELEPHONY NETWORK WITH MULTI-CARRIER PACKET DATA TRANSMISSION

• RESEAU RADIOTELEPHONIQUE AVEC TRANSMISSION DE DONNEES PAR PAQUETS ET A MULTIPORTEUSE

(71) TELECOM ITALIA S.P.A. [IT/IT]; Piazza degli Affari, 2, I-20123 Milano (IT).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CALCAGNO, Andrea [IT/IT]; Via Guido Rossa, 11, I-87072 Francavilla Marittima (Cosenza) (IT). BURACCHINI, Enrico [IT/IT]; TELECOM ITALIA S. P. A., Via G. Reiss Romoli, 274, I-10148 Torino (IT).

(74) MARKOVINA, Paolo et al. / etc.; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)  
(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 27/36

(11) WO 2004/095793 (13) A1

(21) PCT/US2004/012488

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,447 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WIDEBAND MULTI-CHANNEL QUADRATURE AMPLITUDE MODULATION OF CABLE TELEVISION SIGNALS

• MODULATION D'AMPLITUDE EN QUADRATURE MULTICANALE A LARGE BANDE DE SIGNAUX DE TELEVISION PAR CABLE

(71) RGB NETWORKS, INC. [US/US]; 2929 Campus Drive, Suite 165, San Mateo, CA 94403 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PETER, Monta [US/US]; 1540 Oak Creek Drive, Apt. 405, Palo Alto, CA 94304 (US).

(74) COHN, Howard, M.; Patent & Trademark Attorney LLC, 61625 Chagrin Blvd. Suite 220, Cleveland, OH 44122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 29/06, 29/08, G06F 17/30

(11) WO 2004/095794 (13) A1

(21) PCT/EP2003/004206

(22) 23 Apr/avr 2003 (23.04.2003)

(25) en (26) en

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A CLIENT-SERVER SYSTEM AND METHOD THEREOF FOR PROVIDING MULTIMEDIA AND INTERACTIVE SERVICES TO MOBILE TERMINALS

• SYSTEME ET PROCEDE CLIENT-SERVEUR POUR FOURNIR DES SERVICES MULTIMEDIA ET INTERACTIFS A DES TERMINAUX MOBILES

(71) TELECOM ITALIA S.P.A. [IT/IT]; Piazza degli Affari, 2, I-20123 Milano (IT).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSSOTTO, Mauro [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). DEMARIE, Maria, Lorenza [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). LATTORE, Luca [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). LO BELLO, Giuseppe [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT).

(74) MARKOVINA, Paolo; Pirelli S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO

RU SC SD SE SG SK SL TJ TM TN TR TT  
TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declarations / Déclarations :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)<sup>7</sup> H04L 29/06

(11) WO 2004/095795 (13) A1

(21) PCT/GB2004/001657

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 0308980.2 17 Apr/avr 2003 GB (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • DISTRIBUTED MOBILE AGENT  
• AGENT MOBILE DISTRIBUE

(71) ORANGE SA [FR/FR]; TMM 24e Floor, 6 Place d'Alleray, F-75505 Paris Cedex 515 (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Xiaobao [CN/GB]; 17 Beech Drive, Swindon SN5 5DG (GB).

(74) CROSS, James, Peter, Archibald et al. / etc.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 29/06

(11) WO 2004/095796 (13) A1

(21) PCT/GB2004/001688

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 0308989.3 17 Apr/avr 2003 GB (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • A DATA ACCESS, REPLICATION OR COMMUNICATION SYSTEM COMPRISING A MESSAGE QUEUING COMMUNICATIONS PLATFORM

- SYSTEME D'ACCES AUX DONNEES, DE REPRODUCTION OU DE COMMUNICATION DE DONNEES COMPRENANT UNE PLATE-FORME DE COMMUNICATION DE FILE D'ATTENTE DE MESSAGES

(71) VISTO CORPORATION [GB/GB]; Alexander House, 85 Frampton Street, London NW8 8NQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOLOVITZ, Lionel [GB/GB]; Visto Corporation, Alexander House, 85 Frampton Street, London NW8 8NQ (GB). GRETTON, Mark [GB/GB]; Visto Corporation, Alexander House, 85 Frampton Street, London NW8 8NQ (GB). STANDEN, Bob [GB/GB]; Visto Corporation, Alexander House, 85 Frampton Street, London NW8 8NQ (GB).

(74) ORIGIN LIMITED; 52 Muswell Hill Road, London N10 3JR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04L 29/06, G06F 1/00

(11) WO 2004/095797 (13) A1

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(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03101122.4 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • CLASS-BASED CONTENT TRANSFER BETWEEN DEVICES

- TRANSFERT DE CONTENUS ENTRE DISPOSITIFS EN FONCTION DE LA CATEGORIE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOERBER, Eric, J., B. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

**Declaration / Déclaration :**

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04L 29/06

(11) WO 2004/095798 (13) A1

(21) PCT/JP2004/004960

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 2003-113844 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

- (54) • SYSTEM AND METHOD FOR CONTROLLING COMMUNICATION USING DEVICE ID

- SYSTEME ET PROCEDE DE COMMANDE DE COMMUNICATION UTILISANT UN ID DE DISPOSITIF

(71) SONY COMPUTER ENTERTAINMENT INC. [JP/JP]; 2-6-21 Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP).

(72) YAMAGUCHI, Keisuke; c/o Sony Computer Entertainment Inc., 2-6-21 Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP). KOMAKI, Kenjiro; c/o Sony Computer Entertainment Inc., 2-6-21 Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP). MASUDA, Masaru; c/o Sony Computer Entertainment Inc., 2-6-21 Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP). SHIMADA, Muneki; c/o Sony Computer Entertainment Inc., 2-6-21 Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP). KANEI, Kazuhiro; c/o Sony Computer Entertainment Inc., 2-6-21 Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP). KANNARI, Shingo; c/o Sony Computer Entertainment Inc., 2-6-21 Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP).

(74) MORISHITA, Sakaki; 2-11-12 Ebisu-Nishi, Shibuya-ku, Tokyo 150-0021 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OMPG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 29/06
- (11) WO 2004/095799 (13) A2
- (21) PCT/US2004/011658
- (22) 14 Apr/avr 2004 (14.04.2004)
- (25) en (26) en
- (30) 10/414,904 16 Apr/avr 2003 US (16.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PROXY SUPPORT OF MOBILE IP  
• SUPPORT MANDATAIRE POUR IP MOBILE
- (71) M/A-COM, INC. [US/US]; 1011 Pawtucket Blvd, Lowell, MA 01854 (US).
- (72) RODERIQUE, William, John; 4413 Goodview Street, Lynchburg, VA 24502 (US).
- (74) ARONOFF, Michael, J. et al. / etc.; Tyco Technology Resources, 4550 New Linden Hill Road, Suite 140, Wilmington, DE 19808 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 29/06, 12/28, 9/32, H04Q 7/38
- (11) WO 2004/095800 (13) A1
- (21) PCT/US2004/011880
- (22) 16 Apr/avr 2004 (16.04.2004)
- (25) en (26) en
- (30) 10/417,653 17 Apr/avr 2003 US (17.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • 802.11 USING A COMPRESSED REASSOCIATION EXCHANGE TO FACILITATE FAST HANDOFF  
• PROTOCOLE 802.11 UTILISANT UN ECHANGE DE REASSOCIATION COMPRIE POUR FACILITER LE TRANSFERT RAPIDE
- (71) CISCO TECHNOLOGY, INC [US/US]; 170 W. Tasman Drive, San Jose, CA 95134 (US).
- (72) MEIER, Robert; 2975 Clear Creek Drive, Cuyahoga Falls, OH 44223 (US). REBO, Richard, D.; 3800 Rosemount Blvd., Apt. 101F, Fairlawn, OH 44333 (US). GRISWOLD, Victor, J.; 2673 St. Albans Circle NW, North Canton, OH 44720 (US). SMITH, Douglas; 91 Bramble Crescent, Stouffville, Ontario (CA). CAM WINGET, Nancy; 325 Martens Avenue, Mountain View, CA 94040 (US).
- (74) MIZER, Susan, L.; TUCKER ELLIS & WEST LLP, 1150 Huntington Building, 925 Euclid Avenue, Cleveland, OH 44115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04L 29/06, G06F 1/00
- (11) WO 2004/095801 (13) A1
- (21) PCT/US2004/003893
- (22) 9 Feb/fév 2004 (09.02.2004)
- (25) en (26) en
- (30) 10/404,978 31 Mar/mar 2003 US (31.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHODS AND SYSTEMS FOR MANAGING SECURITY POLICIES  
• PROCEDES ET SYSTEMES DE GESTION DE POLITIQUES DE SECURITE
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) LI, Hong; 245 kinkead Court, El Dorado Hills, CA 95762 (US). SAHITA, Ravi; 7854 SW Kimber Place, Beaverton, OR 97007 (US). YADAV, Satyendra; 9523 NW Maring Drive, Portland, OR 97229 (US).
- (74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H04L 29/06, 12/28
- (11) WO 2004/095803 (13) A1
- (21) PCT/US2004/007065
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) en (26) en
- (30) 60/463,060 15 Apr/avr 2003 US (15.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TECHNIQUES FOR OFFERING SEAMLESS ACCESSES IN ENTERPRISE HOT SPOTS FOR BOTH GUEST USERS AND LOCAL USERS  
• TECHNIQUES POUR ASSURER DES ACCES CONTINUS DANS DES ZONES SENSIBLES D'ENTREPRISE POUR UTILISATEURS INVITES ET UTILISATEURS LOCAUX
- (71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).
- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)<sup>7</sup> H04L 29/06, 29/12
- (11) WO 2004/095802 (13) A1
- (21) PCT/US2004/006041
- (22) 26 Feb/fév 2004 (26.02.2004)
- (25) en (26) en
- (30) 10/401,896 28 Mar/mar 2003 US (28.03.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD, APPARATUS AND SYSTEM FOR ACCESS TO A ROAMING MOBILE NODE  
• PROCEDE, APPAREIL ET SYSTEME PERMETTANT D'ASSURER L'ACCES FIABLE A UN NOEUD MOBILE ITINERANT
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72) ANDREWS, Michael; 12650 SW Tiger Lilly Lane, Beaverton, OR 97008 (US). ADRANGI, Farid; 4289 SW Orchard Way, Lake Oswego, OR 97035 (US). NARJALA, Ranjit; 2781 NW Overlook Drive, #413, Hillsboro, OR 97124 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H04L 29/06, 12/28
- (11) WO 2004/095803 (13) A1
- (21) PCT/US2004/007065
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) en (26) en
- (30) 60/463,060 15 Apr/avr 2003 US (15.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • TECHNIQUES FOR OFFERING SEAMLESS ACCESSES IN ENTERPRISE HOT SPOTS FOR BOTH GUEST USERS AND LOCAL USERS  
• TECHNIQUES POUR ASSURER DES ACCES CONTINUS DANS DES ZONES SENSIBLES D'ENTREPRISE POUR UTILISATEURS INVITES ET UTILISATEURS LOCAUX
- (71) THOMSON LICENSING S.A. [FR/FR]; 46, Quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHANG, Junbiao [CN/US]; 20 Jenna Drive, Bridgewater, NJ 08807 (US). RA-MASWAMY, Kumar [IN/US]; 71 Sayre Drive, Princeton, NJ 08540 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; Thomson Licensing Inc., Two Independence Way, Suite #200, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 29/06, G07C 9/00

(11) WO 2004/095804 (13) A1

(21) PCT/US2004/008062

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/401,033 28 Mar/mar 2003 US (28.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • LOCAL AND REMOTE MANAGEMENT OF LOCK SYSTEMS FROM A NETWORK

• GESTION LOCALE ET A DISTANCE DE SYSTEMES DE VERROUILLAGE A PARTIR D'UN RESEAU

(71) SARGENT AND GREENLEAF, INC. [US/US]; One Security Drive, Nicholasville, KY 40356 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) DOMINGUEZ CANSINO, Juan, Miguel [ES/ES]; E-41500 Alcalá de Guadaíra (ES).

(74) MELSER, Allen, S. et al. / etc.; Jacobson Holman, PLLC, 400 Seventh Street, NW, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 29/08, G06F 17/60

(11) WO 2004/095805 (13) A1

(21) PCT/FR2004/000663

(22) 18 Mar/mar 2004 (18.03.2004)

(25) fr (26) fr

(30) 03/03954 31 Mar/mar 2003 FR (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR THE DYNAMIC PROCESSING OF A FLOW OF COMPUTER DATA COMPRISING INFORMATION ABOUT ONE OR SEVERAL SERVICES AVAILABLE TO COMMUNICATING MOBILE TERMINALS

• SYSTEME ET PROCEDE D'ELABORATION DYNAMIQUE D'UN FLUX DE DONNEES INFORMATIQUES COMPRENANT DES INFORMATIONS RELATIVES A UN OU PLUSIEURS SERVICES POUR TERMINAUX MOBILES COMMUNICANTS

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VILLAIN, Eric [FR/FR]; 32, rue Pierre Brossolette, F-38400 Saint-Martin D'Herès (FR). BRUN, Alain [FR/FR]; Route de Champrond, Le Gua, F-38450 Vif (FR). TRAN XUAN, Fabrice [FR/FR]; 16, rue Etienne de la Boétie, F-38320 Eybens (FR). BERGE, Jean-Michel [FR/FR]; 2, allée du Saint-Eynard, F-38330 Saint-Nazaire les Eymes (FR).

(74) BUREAU D.A. CASALONGA-JOSSE; 8, avenue Percier, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04L 29/08, 29/06, 12/58, G06F 9/45

(11) WO 2004/095806 (13) A2

(21) PCT/GB2004/001685

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 0308991.9 17 Apr/avr 2003 GB (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A DATA ACCESS, REPLICATION OR COMMUNICATION SYSTEM COMPRISING A DISTRIBUTED SOFTWARE APPLICATION

• SYSTEME D'ACCES AUX DONNEES, DE REPRODUCTION OU DE COMMUNICATION COMPRENANT UNE APPLICATION LOGICIELLE DISTRIBUEE

(71) VISTO CORPORATION [GB/GB]; Alexander House, 85 Frampton Street, London NW8 8NQ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOLOVITZ, Lionel [GB/GB]; Visto Corporation, Alexander House, 85 Frampton Street, London NW8 8NQ (GB). GRETTON, Mark [GB/GB]; Visto Corporation, Alexander House, 85 Frampton Street, London NW8 8NQ (GB). STANDEN, Bob [GB/GB]; Visto Corporation, Alexander House, 85 Frampton Street, London NW8 8NQ (GB).

(74) ORIGIN LIMITED; 52 Muswell Hill Road, London N10 3JR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04L 29/12

(11) WO 2004/095807 (13) A1

(21) PCT/JP2004/005730

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 2003-115568 21 Apr/avr 2003 JP (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A REPEATER AND AN INTER-NETWORK REPEATING METHOD

• REPETITEUR ET PROCEDE DE REPETITION INTER-RESEAU

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006 Oaza Kadoma Kadoma-shi Osaka, 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOKOMITSU, YasushiYAO, Akio-HAMASAKI, ToshiyukiKONISHI, HiroshiSHIGYO, MasahiroMITSUNAGA, YujiWASHITANI, KiminoriNAGAO, Hideaki

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office 13th Floor ARK Mori Building 12-32 Akasaka 1-chome Minato-ku Tokyo, 1076013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04M

(11) WO 2004/095808 (13) A2

(21) PCT/IB2004/001092

(22) 7 Apr/avr 2004 (07.04.2004)

(25) en (26) en

(30) 10/421,278 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOBILE TERMINAL WITH SYNCHRONIZING HINGE

• TERMINAL MOBILE AVEC UNE CHARNIERE DE SYNCHRONISATION

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).  
(for all designated States except / pour tous les États désignés sauf BB)

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).  
(only for / seulement pour BB)

(72) KUIVAS, Juha; Ikosentie 22, FIN-90800 Oulu (FI). PAAKKONEN, Pekka; Rantatie 11 J2, FIN-90940 Jaali (FI). KAUHANIEMI, Ilpo; Varistontie 14 D, FIN-01660 Vantaa (FI).

(74) HARRINGTON, Mark, F.; Harrington & Smith, LLP, 4 Research Drive, CT, Shelton, 06484-6212 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M

(11) WO 2004/095809 (13) A2

(21) PCT/US2004/007608

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 10/404,160 1 Apr/avr 2003 US (01.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PORTABLE COMMUNICATIONS DEVICE

• DISPOSITIF DE COMMUNICATION PORTABLE

(71, 72) SANDERS, Donald, T. [US/US]; 2309 W. Morris Street, Indianapolis, IN 46221 (US). SHERROD, Sherri, M. [US/US];

3102 N. Olney Street, Indianapolis, IN 46218 (US).

(74) FETTIG, Gregory, T.; P.O. Box 911, Golden, CO 80402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M

(11) WO 2004/095810 (13) A2

(21) PCT/US2004/007658

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/458,069 26 Mar/mar 2003 US (26.03.2003)

(30) 10/747,747 29 Dec/déc 2003 US (29.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DYNAMIC SEQUENCING OF TIMELOTS IN WIRELESS COMMUNICATION SYSTEMS

• SEQUENCAGE DYNAMIQUE D'INTERVALLES DE TEMPS DANS DES SYSTEMES DE COMMUNICATION SANS FIL

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, Delaware 19801 (US).

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(72, 75) ZHANG, Guodong [CN/US]; 41 La Bonne Vie Drive, Patchogue, New York 11772 (US).

(74) BALLARINI, Robert, J.; United Plaza, Suite 1600, 30 S. 17th Street, Philadelphia, Pennsylvania 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M

(11) WO 2004/095811 (13) A2

(21) PCT/US2004/008892

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/403,207 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMMUNICATIONS METHODS AND SYSTEMS USING VOICEPRINTS

• PROCEDES ET SYSTEMES DE COMMUNICATION UTILISANT DES EMPREINTES VOCALES

(71) METRO ONE TELECOMMUNICATIONS, INC. [US/US]; 11200 Murray Scholls Place, Beaverton, OR 97007 (US).

(72) TIMMINS, Timothy, A.; 14355 S.W. McFarland Blvd., Tigard, OR 97224 (US). MILLER, John, S.; 660 SE Ponderosa Ct., Canby, OR 97013 (US). BAKER, Nathan, B.; 16765 SW Jordan Way, Tigard, OR 97224 (US). HUEY, Christopher, A.; 22365 N.W. Pihl Road, Banks, OR 97106 (US). LJUBICICH, Philip, A.; 19325-47th Avenue NE, Lake Forest Park, WA 98155 (US).

(74) YIP, Alex, L.; Kaye Scholer LLP, 425 Park Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M

(11) WO 2004/095812 (13) A2

(21) PCT/US2004/008972

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/403,305 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ESTABLISHING EMERGENCY SESSIONS IN PACKET DATA NETWORKS FOR WIRELESS DEVICES HAVING INVALID SUBSCRIBER IDENTITIES

• ETABLISSEMENT DE SESSIONS D'URGENCE DANS DES RESEAUX DE DONNEES PAR PAQUETS POUR DES DISPOSITIFS SANS FIL AYANT DES IDENTITES D'ABONNES INVALIDES

(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
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(72, 75) ZHAO, Yilin [CN/US]; 2742 Wilshire Lane, Northbrook, IL 60062 (US). AERRABOTU, Naveen [IN/US]; 7943 Dada Drive, Gurnee, IL 60031 (US). PECEN, Mark, E. [US/US]; 1935 S. Plum Grove Road, Palatine, IL 60067 (US). LIKKI,

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(74) **BOWLER, Roland, K. et al.** / etc.; 600 North US Highway 45, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 1/2745, 1/725

(11) WO 2004/095813 (13) A1

(21) PCT/JP2004/005631

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 2003-120550 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MOBILE TERMINAL APPARATUS  
• APPAREIL TERMINAL MOBILE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
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(72, 75) **HAMANAGA, AyakaMASAKI, Tadakatsu**

(74) **OGASAWARA, Shiro;** Daisan-Longev' Bldg. 3-11, Enokicho, Suita-shi, Osaka, 5640053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 1/725, 3/53

(11) WO 2004/095814 (13) A1

(21) PCT/GB2004/001736

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 0309088.3 22 Apr/avr 2003 GB (22.04.2003)

(30) 0313615.7 12 Jun/juin 2003 GB (12.06.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A METHOD OF MANAGING VOICE-MAILS FROM A MOBILE TELEPHONE

• PROCEDE DE GESTION DE MESSAGES VOCAUX EN PROVENANCE D'UN TELEPHONE MOBILE

(71) **SPINVOX LIMITED** [GB/GB]; Twisden Works, Twisden Road, London NW5 1DN (GB).

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(72, 75) **DOULTON, Daniel, Michael** [GB/GB]; Spinvox Limited, Twisden Works, Twisden Road, London NW5 1DN (GB).

(74) **ORIGIN LIMITED;** 52 Muswell Hill Road, London N10 3JR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04M 1/725, H04Q 7/22

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(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 03101142.2 24 Apr/avr 2003 EP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTIMEDIA COMMUNICATION DEVICE TO CAPTURE AND INSERT A MULTIMEDIA SAMPLE

• DISPOSITIF MULTIMEDIA DE COMMUNICATION POUR CAPTURER ET INSERER UN ECHANTILLON MULTIMEDIA

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) **VAN STUIVENBERG, Leonardus, C., A.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).  
**VAN DE SLUIS, Bartel, M.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.;** Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04M 3/42, H04L 29/06, H04M 7/00

(11) WO 2004/095816 (13) A2

(21) PCT/FR2004/000946

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/04853 18 Apr/avr 2003 FR (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD OF ESTABLISHING COMMUNICATIONS BETWEEN SELECTED USER TERMINALS, USING DEDICATED COMMUNICATION EQUIPMENT

• PROCEDE D'ETABLISSEMENT DE COMMUNICATIONS ENTRE TERMINAUX CHOISIS D'UTILISATEURS, PAR L'INTERMEDIAIRE D'EQUIPEMENTS DE COMMUNICATION DE-DIES

(71) **ALCATEL** [FR/FR]; 54, rue la Boétie, F-75008 Paris (FR).

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(72, 75) **LE CREFF, Michel** [FR/FR]; 5, impasse les Baunes, F-95450 Vigny (FR).  
**GASS, Raymond** [FR/FR]; 58, rue Principale, F-67150 Bolsenheim (FR).

(74) **SCIAUX, Edmond et al.** / etc.; Compagnie Financière Alcatel - DPI, 5, rue Noël Pons, 92734 Nanterre Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement



- (51)<sup>7</sup> H04M 3/42  
(11) WO 2004/095817 (13) A1  
(21) PCT/KR2004/000912  
(22) 21 Apr/avr 2004 (21.04.2004)  
(25) ko (26) en  
(30) 10-2003-0025990 24 Apr/avr 2003 KR (24.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • METHOD AND APPARATUS FOR PROVIDING RING BACK TONE USING A PRIVATE AUTOMATIC BRANCH EXCHANGE  
• PROCEDE ET APPAREIL DESTINES A FOURNIR UN SIGNAL DE RAPPEL AU MOYEN D'UN AUTOCOMMUTATEUR PRIVE AUTOMATIQUE  
(71) DIGITALWAVE, INC [KR/KR]; Yongdo Building, 2nd/3rd Fl., 118-2 Yangjae-1Dong, Seocho-Gu, Seoul 137-891 (KR).  
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(74) CHO, Heum-O; Sojong Partners, 9th Floor, Star Tower, 737, Yeoksam1-Dong, Kangnam-Ku, Seoul 135-984 (KR).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H04M 3/42, H04L 12/64  
(11) WO 2004/095818 (13) A1  
(21) PCT/US2003/037166  
(22) 18 Nov/nov 2003 (18.11.2003)  
(25) en (26) en  
(30) 60/463,298 16 Apr/avr 2003 US (16.04.2003)  
(30) 10/456,872 5 Jun/juin 2003 US (05.06.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ESTABLISHING A CONNECTION USING A HYBRID RECEIVER  
• ETABLISSEMENT D'UNE CONNEXION AU MOYEN D'UN RECEPTEUR HYBRIDE  
(71) AXESSTEL, INC. [US/US]; 6305 Lusk Boulevard, San Diego, CA 92121 (US).  
(72) YUKIE, Satoru; 6305 Lusk Boulevard, San Diego, CA 92121 (US). KWON, Mike; 6305 Lusk Boulevard, San Diego, CA 92121 (US). KIM, Duk, San; 6305 Lusk Boulevard, San Diego, CA 92121 (US). SHIRAI, Kazuhiko;

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(74) FROMMER, William, S., Esq.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H04M 3/42  
(11) WO 2004/095819 (13) A1  
(21) PCT/US2004/007695  
(22) 30 Mar/mar 2004 (30.03.2004)  
(25) en (26) en  
(30) 10/401,556 31 Mar/mar 2003 US (31.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • CALL TRANSFER SERVICE USING SERVICE CONTROL POINT AND SERVICE NODE  
• SERVICE DE TRANSFERT D'APPELS UTILISANT UN POINT DE GESTION DE SERVICES ET UN NOEUD DE SERVICES  
(71) SBC PROPERTIES, L.P. [US/US]; 645 E. Plumb Lane, Reno, NV 89502 (US).  
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- (71) KING, Lorene (Heir to deceased) [US/US]; 99 Goldfinch Drive, American Canyon, CA 94503 (US).  
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(72, 75) CROCKETT, Susanne, M. [US/US]; 1214 Brandywyn Lane, Buffalo Grove, IL 60089 (US).  
(74) BERNSTEIN, Bruce H. et al. / etc.; Greenblum & Bernstein, P.L.C., 1950 Roland Clarke Place, Reston, VA 20191 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)<sup>7</sup> H04M 3/42, H04Q 7/20  
(11) WO 2004/095820 (13) A1  
(21) PCT/US2004/008407

- (22) 18 Mar/mar 2004 (18.03.2004)  
(25) en (26) en  
(30) 10/403,904 31 Mar/mar 2003 US (31.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • EMERGENCY PACKET DATA NETWORK COMMUNICATION SYSTEM AND CALL FEATURES  
• SYSTEME DE COMMUNICATION PAR RESEAU DE PAQUETS DE DONNEES D'URGENCE, ET CARACTERISTIQUES D'APPEL  
(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).  
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(72, 75) AERRABOTU, Naveen [IN/US]; 7943 Dada Drive, Gurnee, IL 60031 (US). PECEN, Mark, E. [US/US]; 1935 S. Plum Grove Road, Palatine, IL 60067 (US). ZHAO, Yilin [CN/US]; 2742 Wilshire Lane, Northbrook, IL 60062 (US).  
(74) VAAS, Randall, S. et al. / etc.; 600 North US Highway 45, Libertyville, IL 60048 (US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)<sup>7</sup> H04M 3/533  
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(21) PCT/GB2004/001805  
(22) 22 Apr/avr 2004 (22.04.2004)  
(25) en (26) en  
(30) 0309088.3 22 Apr/avr 2003 GB (22.04.2003)  
(30) 0313615.7 12 Jun/juin 2003 GB (12.06.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • A METHOD OF PROVIDING VOICEMAILS TO A WIRELESS INFORMATION DEVICE  
• PROCEDE DE FOURNITURE DE COURRIERS VOCAUX A UN DISPOSITIF D'INFORMATIONS SANS FIL  
(71) SPINVOX LIMITED [GB/GB]; Twisden Works, Twisden Road, London NW5 1DN (GB).  
*(for all designated States except / pour tous les États désignés sauf US)*  
(72, 75) DOULTON, Daniel, Michael [GB/GB]; Spinvox Limited, Twisden Works, Twisden Road, London NW5 1DN (GB).  
(74) ORIGIN LIMITED; 52 Muswell Hill Road, London N10 3JR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04M 3/56

(11) WO 2004/095822 (13) A1

(21) PCT/US2004/005720

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 10/396,025 24 Mar/mar 2003 US (24.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REPLAY OF CONFERENCE AUDIO  
• RETRANSMISSION DIFFEREE DE CONFERENCE TELEPHONIQUE

(71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134 (US).

(72, 75) CUTAIA, Nicholas, J. [US/US]; 121 Tremont Street, Apartment 417, Brighton, MA 02135-2450 (US). SURAZSKI, Luke, K. [US/US]; 1326 The Alameda, Apartment 363, San Jose, CA 95126-2689 (US).

(74) SHOWALTER, Barton, E.; Baker & Botts, L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(f) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04M 3/56

(11) WO 2004/095823 (13) A1

(21) PCT/US2004/008235

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 10/421,466 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AUTOMATIC SPEAK-UP INDICATION FOR CONFERENCE CALL ATTENDEES

• INDICATION AUTOMATIQUE DE VOLUME SONORE INSUFFISANT POUR DES PARTICIPANTS A UNE CONFERENCE TELEPHONIQUE

(71) SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC. [US/US]; 900 Broken Sound Parkway, Boca Raton, FL 33487-3587 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUETSCHI, Johannes [CH/US]; 990 Casuarina Road, Delray Beach, FL 33483 (US).

(74) MONTGOMERY, Francis, G. et al. / etc.; Siemens Corporation - Intellectual Property Dept., 170 Wood Ave. South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04M 3/58, H04Q 11/04

(11) WO 2004/095824 (13) A1

(21) PCT/RU2003/000182

(22) 21 Apr/avr 2003 (21.04.2003)

(25) ru (26) ru

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM FOR REMOTELY SWITCHING ISDN TELEPHONE CHANNELS

• SYSTEME DE COMMUTATION A DISTANCE DE CANAUX TELEPHONIQUE RNIS

(71, 72) KAZMINE, Radzh Fazilievich [RU/RU]; ul. Profsojuznaya, 85-1-85, Moscow, 117279 (RU).

(72, 75) ZOUBKOV, Victor Mikhailovich [RU/RU]; ul. Kosmonavta Volkova, 27-65, Moscow, 127299 (RU).

(74) KORNIENKO, Elena Victorovna; ul. Kargopolskaya, 12-60, Moscow, 127562 (RU).

(81) AU CA CN JP RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)<sup>7</sup> H04N

(11) WO 2004/095825 (13) A2

(21) PCT/US2004/012485

(22) 21 Apr/avr 2004 (21.04.2004)

(25) en (26) en

(30) 60/464,376 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TIME-MULTIPLEXED MULTI-PROGRAM ENCRYPTION SYSTEM

• SYSTEME DE CHIFFREMENT DE PROGRAMMES MULTIPLES MULTIPLEXES DANS LE TEMPS

(71) RGB NETWORKS, INC. [US/US]; 2929 Campus Drive, Suite 165, San Mateo, CA 94403 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) KRAUSE, Edward, A.; 35 Burgoyne Court, San Mateo, CA 94402 (US).

(74) COHN, Howard, M.; Patent & Trademark Attorney LLC, 21625 Chagrin Blvd., Suite 220, Cleveland, OH 44122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N

(11) WO 2004/095826 (13) A2

(21) PCT/US2004/004930

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 10/403,796 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPLIANCES WITH A WIRELESS DATA ENABLED REMOTE

• EQUIPEMENTS A TELECOMMANDE RADIO NUMERIQUE

(71) SBC KNOWLEDGE VENTURES, L.P. [US/US]; 645 E. Plumb Lane, Reno, NV 98502 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRANNAN, Michael [US/US]; 11220 Brista Way, Austin, TX 78726 (US).

(74) TOLER, Jeffrey, G.; Toler Larson & Abel, LLP, Suite 265, 5000 Plaza on the Lake, Austin, TX 78746 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N

(11) WO 2004/095827 (13) A2  
(21) PCT/US2004/005703

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 60/457,192 25 Mar/mar 2003 US (25.03.2003)

(30) 10/767,421 29 Jan/jan 2004 US (29.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTENT SCRAMBLING WITH MINIMAL IMPACT ON LEGACY DEVICES

• EMBROUILLAGE DE CONTENU AVEC IMPACT MINIMAL SUR LES DISPOSITIFS EXISTANTS

(71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BONAN, James [US/US]; Wycoff, NJ (US). CANDELORE, Brant, L. [US/US]; 10124 Quail Glen Way, Escondido, CA 92029-6502 (US). EYER, Mark, Kenneth [US/US]; 15601 133rd Place, N.E., Woodinville, WA 98072 (US).

(74) KANANEN, Ronald, P.; Rader Fishman & Grauer PLLC, 1233 20th Street, NW, Suite 501, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 1/387

(11) WO 2004/095828 (13) A1

(21) PCT/JP2004/003357

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-117061 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • WATERMARK INFORMATION EMBEDDING DEVICE AND METHOD, WATERMARK INFORMATION DETECTING DEVICE AND METHOD, WATERMARKED DOCUMENT

• DISPOSITIF ET PROCÉDE D'INTEGRATION D'INFORMATIONS EN FILIGRANE, DISPOSITIF ET PROCÉDE DE DETECTION D'INFORMATIONS EN FILIGRANE ET DOCUMENT FILIGRANE

(71) OKI ELECTRIC INDUSTRY CO., LTD. [JP/JP]; 7-12, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAENO, Kurato [JP/JP]; c/o Oki Electric Industry Co., Ltd., 7-12, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(74) SATO, Yukio; Chuo 7th Nishi-shinjuku Building 404, 18-5, Nishi-shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)<sup>7</sup> H04N 5/262, H04B 1/66, H04N 7/12

(11) WO 2004/095829 (13) A1

(21) PCT/US2004/005365

(22) 24 Feb/fév 2004 (24.02.2004)

(25) en (26) en

(30) 60/462,389 10 Apr/avr 2003 US (10.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • TECHNIQUE FOR SIMULATING FILM GRAIN ON ENCODED VIDEO

• TECHNIQUE DE SIMULATION DE GRAIN SUR UNE VIDEO CODEE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, quai A. Le Gallo, F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GOMILA, Cristina [ES/US]; 25C Chestnut Court, Princeton, NJ 08540 (US). BOYCE, Jill, MacDonald [US/US]; 3 Brandywine Court, Manalapan, NJ 07726 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; Thomson Licensing Inc., Two Independence Way, Suite #200, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/33

(11) WO 2004/095830 (13) A2

(21) PCT/IL2004/000337

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 155536 21 Apr/avr 2003 IL (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • VOLTAGE TUNABLE INTEGRATED INFRARED IMAGER

• IMAGEUR INFRAROUGE INTEGRE A TENSION SELECTIVE

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; Hi Tech Park, Edmond Safra Campus, Givat Ram, 91390 Jerusalem (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SA'AR, Amir [IL/IL]; 46 Hermon Street, 90805 Mevasseret Zion (IL). SHAPIR, Joseph [IL/IL]; 30 Hermon Street, 90805 Mevasseret Zion (IL).

(74) REINHOLD COHN AND PARTNERS; P.O. BOX 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/335, H01L 27/146

(11) WO 2004/095831 (13) A1

(21) PCT/JP2004/005334

(22) 14 Apr/avr 2004 (14.04.2004)

(25) ja (26) ja

(30) 2003-120343 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SOLID-STATE IMAGING DEVICE

• DISPOSITIF D'IMAGERIE A SEMI-CONDUCTEURS

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOBAYASHI, Hiroya [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP). AKAHORI, Hiroshi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP). MURAMATSU, Masaharu [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).

- (74) HASEGAWA, Yoshiaki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo, 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04N 5/335
- (11) WO 2004/095832 (13) A1
- (21) PCT/JP2004/005601
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) ja (26) ja
- (30) 2003-116949 22 Apr/avr 2003 JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • IMAGING DEVICE AND MOBILE TERMINAL USING THIS IMAGING DEVICE
- DISPOSITIF D'IMAGERIE ET TERMINAL MOBILE COMPORTANT UNE TEL DISPOSITIF
- (71) KONICA MINOLTA OPTO INC. [JP/JP]; 2970, Ishikawa-machi, Hachioji-shi, Tokyo, 1928505 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) NISHIKAWA, Takuo [JP/JP]; c/o KONICA MINOLTA OPTO, INC., 2970, Ishikawa-machi, Hachioji-shi, Tokyo, 1928505 (JP). TANSHO, Kazuo [JP/JP]; c/o KONICA MINOLTA OPTO, INC., 2970, Ishikawa-machi, Hachioji-shi, Tokyo, 1928505 (JP).
- (74) SUZUKI, Hiroh; Suzuki International Patent Office Chanokiya Bldg., 3-1, Nihonbashi-Honcho 2-chome, Chuo-ku, Tokyo, 1030023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04N 5/335, 5/32
- (11) WO 2004/095833 (13) A1
- (21) PCT/JP2004/005654
- (22) 20 Apr/avr 2004 (20.04.2004)
- (25) en (26) en
- (30) 2003-117238 22 Apr/avr 2003 JP (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PHOTOELECTRIC CONVERSION DEVICE AND RADIATION PHOTOGRAPHY APPARATUS
- DISPOSITIF DE CONVERSION PHOTOELECTRIQUE ET APPAREIL DE RADIOPHOTOGRAPHIE
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) YAGI, Tomoyuki [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP).
- (74) OKABE, Masao et al. / etc.; No. 602, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 1000005 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04N 5/85, 5/92, G11B 20/10, 20/12, 27/10
- (11) WO 2004/095834 (13) A1
- (21) PCT/JP2004/004648
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-119332 24 Apr/avr 2003 JP (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD, PROGRAM STORAGE MEDIUM, AND PROGRAM
- DISPOSITIF DE TRAITEMENT D'INFORMATIONS ET PROCEDE DE TRAITEMENT D'INFORMATIONS, SUPPORT DE STOCKAGE DE PROGRAMME ET PROGRAMME
- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAKASHIMA, Yoshikazu [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). KATO, Motoki [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). HAMADA, Toshiya [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP).
- (74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo, 1600023 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04N 5/913, H04L 9/32, G11B 20/00
- (11) WO 2004/095835 (13) A1
- (21) PCT/US2004/005877
- (22) 27 Feb/fév 2004 (27.02.2004)
- (25) en (26) en
- (30) 10/412,443 11 Apr/avr 2003 US (11.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM FOR IDENTIFICATION AND REVOCATION OF AUDIOVISUAL TITLES AND REPLICATORS
- SYSTEME POUR IDENTIFIER ET INVALIDER DES TITRES AUDIOVISUELS ET DES REPLICATEURS
- (71) INTEL CORPORATION [US/US]; (a Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) RIPLEY, Michael; 1222 NE 56th Court, Hillsboro, OR 97124 (US). TRAW, C., Brendan; 10859 N.W. Supreme Court, Portland, OR 97229 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)<sup>7</sup> H04N 5/92, G11B 20/10, 20/18
- (11) WO 2004/095836 (13) A1
- (21) PCT/JP2004/005831
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) ja (26) ja

(30) 2003-118249 **23 Apr/avr 2003** JP  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DATA PROCESSING DEVICE

• DISPOSITIF DE TRAITEMENT DE DONNEES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORIMOTO, Kenji; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 NORITAKE, Toshiya; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501

(74) OKUDA, Seiji; OKUDA & ASSOCIATES 2nd Floor, Kataoka Bldg. 3-6, Uchiawajimachi 1-chome, Chuo-ku, Osaka-shi, Osaka, 5400038 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 5/93, G11B 27/34

(11) WO 2004/095837 (13) A1

(21) PCT/JP2004/005778

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 10/420,426 **22 Apr/avr 2003** US  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • REPRODUCTION DEVICE AND PROGRAM

• DISPOSITIF ET PROGRAMME DE REPRODUCTION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Kadoma-shi, Oazakadoma, Osaka 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMASAKA, Hiroshi KOZUKA, Masayuki MINAMI, Masataka

(74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 5310072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04N 7/01

(11) WO 2004/095838 (13) A1

(21) PCT/IB2004/050490

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 03101140.6 **24 Apr/avr 2003** EP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMBINED SAMPLING RATE CONVERSION AND GAIN-CONTROLLED FILTERING

• CONVERSION DU TAUX D'ECHANTILLONNAGE ET FILTRAGE A REGULATION DE GAIN COMBINES

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STESEN, Jeroen, H., C., J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JANSSEN, Johan, G., W., M. [NL/US]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04N 7/15, H04M 3/42

(11) WO 2004/095839 (13) A1

(21) PCT/US2004/010871

(22) 8 Apr/avr 2004 (08.04.2004)

(25) en (26) en

(30) 10/417,549 **17 Apr/avr 2003** US  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR REAL TIME PLAYBACK OF CONFERENCE STREAMS

• SYSTEME ET PROCEDE DE LECTURE EN TEMPS REELS DE PASSAGES ENREGISTRES AU COURS D'UNE CONFERENCE CONTINUE

(71) SIEMENS INFORMATION AND COMMUNICATION NETWORKS, INC. [US/US]; 900 Broken Sound Parkway, Boca Raton, FL 33487-3587 (US).

(72, 75) CROUCH, Richard [US/US]; 35 Linden Avenue, Gustine, CA 95322 (US). MILLER, Timothy [US/DE]; Argelsriederstr. 48, 81487 Munich (DE). NIERHAUS, Florian [US/US]; 579 Old San Francisco Road #6, Sunnyvale, CA 94086 (US).

(74) CHUNG, David, D. et al. / etc.; Siemens Corporation- Intellectual Property Dept., 170 Wood Avenue South, Iselin, NJ 08830 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/167

(11) WO 2004/095840 (13) A2

(21) PCT/FR2004/000947

(22) 16 Apr/avr 2004 (16.04.2004)

(25) fr (26) fr

(30) 03/50110 **16 Apr/avr 2003** FR  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SCRAMBLING, DESCRAMBLING AND SECURE DISTRIBUTION OF AUDIO-VISUAL SEQUENCES FROM VIDEO ENCODERS BASED ON WAVELET PROCESSING

• EMBROUILLAGE ET DESEMBROUILLAGE ET DISTRIBUTION SECURISEE DE SEQUENCES AUDIO-VISUELLES ISSUES DE CODEURS VIDEOS BASES SUR UN TRAITEMENT PAR ONDELETTES

(71) MEDIALIVE [FR/FR]; 111, avenue Victor Hugo, F-75116 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LECOMTE, Daniel [FR/FR]; 157, rue de La Pompe, F-75116 Paris (FR). CA-POROSI, Jérôme [FR/FR]; 7, rue du 8 mai 1945, F-92340 Bourg-La-Reine (FR).

(74) BREESE, Pierre et al. / etc.; Breese-Majerowicz, 3, avenue de l'Opéra, F-75001 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/173, 5/91

(11) WO 2004/095841 (13) A1

(21) PCT/JP2004/001664

(22) 16 Feb/fév 2004 (16.02.2004)

(25) ja (26) ja

(30) 2003-118013 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTENT REPRODUCTION METHOD

• PROCÉDÉ DE REPRODUCTION DE CONTENU

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) URANO, Naoki [JP/JP]; c/o Sharp Kabushiki Kaisha, 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP). UEDA, Toru [JP/JP]; c/o Sharp Kabushiki Kaisha, 22-22, Nagaïke-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).

(74) SHIMIZU, Satoshi; Oak Nishitemma Building 3rd Floor, 3-9, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 5300047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/173

(11) WO 2004/095842 (13) A1

(21) PCT/JP2004/000927

(22) 30 Jan/jan 2004 (30.01.2004)

(25) ja (26) ja

(30) 2003-114905 18 Apr/avr 2003 JP (18.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • STREAM RECEPTION DEVICE

• DISPOSITIF DE RECEPTION DE TRAINS DE DONNEES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUWABARA, TakashiIBARAKI, SusumuMORI, ToshiakiHATTORI, Toshikazu

(74) OGASAWARA, Shiro; Daisan-Longev' Bldg., 3-11, Enokicho, Suita-shi, Osaka, 5640053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04N 7/24, G11B 27/031, H04N 5/262

(11) WO 2004/095843 (13) A1

(21) PCT/GB2004/001684

(22) 19 Apr/avr 2004 (19.04.2004)

(25) en (26) en

(30) 0308847.3 17 Apr/avr 2003 GB (17.04.2003)

(30) 10/417,623 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DATA PROCESSING SYSTEM AND METHOD, COMPUTER PROGRAM PRODUCT AND AUDIO/VISUAL PRODUCT

• SYSTEME ET PROCEDE DE TRAITEMENT DE DONNEES, PROGRAMME INFORMATIQUE ET PRODUIT AUDIOVISUEL

(71) ZOOTECH LIMITED [GB/GB]; 26 Carver Street, Sheffield S1 4FA (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GREEN, Stuart, Antony [GB/GB]; 191 Millhouses Lane, Sheffield S7 2HF (GB).

(74) HUTCHINSON, Glenn; Harrison Goddard Foote, Fountain Precinct, Balm Green, Sheffield S1 2JA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 7/24

(11) WO 2004/095844 (13) A1

(21) PCT/JP2003/005311

(22) 24 Apr/avr 2003 (24.04.2003)

(25) ja (26) ja

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMAGE ENCODING DEVICE AND IMAGE ENCODING METHOD

• DISPOSITIF ET METHODE DE CODAGE D'IMAGES

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Koichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) HATTORI, Kiyoshi; Hattori Patent Office, GE EDISON Bldg. Hachioji, 9-8, Azumacho, Hachioji-shi, Tokyo 192-0082 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 9/31

(11) WO 2004/095845 (13) A1

(21) PCT/US2003/040724

(22) 19 Dec/déc 2003 (19.12.2003)

(25) en (26) en

(30) 10/406,550 3 Apr/avr 2003 US (03.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • APPARATUS AND METHOD FOR ISOLATING OPTICS FROM THERMAL EXPANSION

• APPAREIL ET PROCEDE D'ISOLATION D'OPTIQUES D'UNE EXPANSION THERMIQUE

(71) THOMSON LICENSING S. A. [FR/FR]; 46 Quai A. Le Gallo, F-92648 Boulogne Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARCHER, Carl, Douglas, Jr. [US/US]; 212 Southampton Road, Louisville, KY 40223 (US).

(74) **TRIPOLI, Joseph, S. et al. / etc.;** c/o THOMSON Licensing Inc., 2 Independence Way, Suite #2, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04N 9/31

(11) **WO 2004/095846** (13) A1

(21) PCT/US2004/006890

(22) **5 Mar/mar 2004 (05.03.2004)**

(25) en (26) en

(30) 10/412,021 **11 Apr/avr 2003** US (11.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PROJECTION ILLUMINATION SYSTEM WITH TUNNEL INTEGRATOR AND FIELD LENS

• SYSTEME D'ECLAIRAGE POUR PROJECTION COMPRENANT UN INTEGRATEUR TUNNEL ET UN VERRE DE CHAMP

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **ECKHARDT, Stephen, K.;** Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BLACK, Bruce, E. et al. / etc.;** Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR

GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)<sup>7</sup> H04Q

(11) **WO 2004/095847** (13) A2

(21) PCT/US2004/010570

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 60/463,853 **17 Apr/avr 2003** US (17.04.2003)

(30) 10/639,009 **11 Aug/août 2003** US (11.08.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR CONTENT/CONTEXT SENSITIVE SCANNING UTILIZING A MOBILE COMMUNICATION DEVICE

• SYSTEME, PROCEDE ET PRODUIT DE PROGRAMME INFORMATIQUE PERMETTANT LE BALAYAGE SENSIBLE DE CONTENU/DE CONTEXTE AU MOYEN D'UN DISPOSITIF DE COMMUNICATION MOBILE

(71) **NETWORKS ASSOCIATES TECHNOLOGY, INC.** [US/US]; 3965 Freedom Circle, Santa Clara, CA 95054 (US). **NTT DOCOMO, INC.** [JP/JP]; 11-1 Nagatacho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72) **KOUZNETSOV, Victor;** 20287 SW Tremont Way, Aloha, OR 97007 (US). **LIBENZI, Davide;** 20249 NW Galliard Loop, Hillsboro, OR 97124 (US). **PAK, Michael, C.;** 15894 NW Andalusian Way, Portland, OR 97229 (US). **URAKAWA, Yasutaka;** 763-3-409 Nase-cho Totsuka-ku, Yokohama-shi, Kanagawa (JP). **ISHII, Kenji;** 6-30-21-102 Kikuna Kohoku-ku, Yokohama-shi, Kanagawa (JP). **FUJITA, Masanori;** B314 Heights Noukenndai 1-35-2, Noukandai Kanazawa-ku, Yokohama-shi, Kanagawa (JP).

(74) **ZILKA, Kevin, J.;** Silicon Valley IP Group, PC, P.O. Box 721120, San Jose, CA 95172-1120 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q

(11) **WO 2004/095848** (13) A2

(21) PCT/US2004/011438

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 10/414,838 **16 Apr/avr 2003** US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD AND DEVICE FOR DISTRIBUTING COMMUNICATION SIGNALS

• PROCEDE ET DISPOSITIF PERMETTANT LA DISTRIBUTION DE SIGNAUX DE COMMUNICATION

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERKINS, Matthew, R.** [US/US]; 4311 N.W. 103 Avenue, Sunrise, FL 33351 (US). **KYPEROUNTAS, Spyros** [CY/US]; 6085 Boca Colony Drive, Boca Raton, FL 33433 (US).

(74) **DOUTRE, Barbara, R. et al. / etc.;** 8000 West Sunrise Boulevard, Room 1610, Plantation, FL 33322 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q

(11) **WO 2004/095849** (13) A2

(21) PCT/US2004/011604

(22) **14 Apr/avr 2004 (14.04.2004)**

(25) en (26) en

(30) 10/422,917 **23 Apr/avr 2003** US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMMUNICATION SYSTEMS INCORPORATING HTS FILTERS AND NON-LINEAR MODULATORS SUCH AS RF-LIGHT MODULATORS

• SYSTEMES DE COMMUNICATION COMPRENANT DES FILTRES HTS ET DES MODULATEURS NON LINEAIRES, TELS QUE DES MODULATEURS A LUMIERE RF

(71) **SUPERCONDUCTOR TECHNOLOGIES, INC.** [US/US]; 460 Ward Drive., Santa Barbara, CA 93111-2310 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EDDY, Michael, M.;** 3917 Antone Road, Santa Barbara, CA 93110 (US). **TOTTY, Steven, M.** [US/US]; 6272 Parkhurst drive, Goleta, CA 93117 (US).

(74) **MURPHY, David, B. et al. / etc.;** O'MELVENY & MYERS LLP, 114 Pacifica, Suite 100, Irvine, CA 92618-3318 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q

(11) WO 2004/095850 (13) A2

(21) PCT/US2004/012018

(22) 16 Apr/avr 2004 (16.04.2004)

(25) en (26) en

(30) 10/417,415 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR IP TELEPHONY PING  
• SYSTEME ET PROCEDE POUR SONDEUR DE TELEPHONIE IP

(71) LEVEL 3 COMMUNICATIONS, INC. [US/US]; 1025 Eldorado Boulevard, Broomfield, CO 80021 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) EICHEN, Elliot [US/US]; 41 Mary Street, Arlington, MA 02474 (US). ISRAEL, Robert [US/US]; 5 Polar Bear Drive, Westford, MA 01886 (US). BELIN, Evgeni [BY/US]; 55 Dinsmore Avenue, No. 309, Framingham, MA 01702 (US). OLSHANSKY, Robert [US/US]; 8 Old Farm Road, Wayland, MA 01778 (US).

(74) DESANCTIS, Michael A. et al. / etc.; FAE-GRE & BENSON LLP, 3200 Wells Fargo Center, 1700 Lincoln Street, Denver, CO 80203-4532 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q

(11) WO 2004/095851 (13) A2

(21) PCT/US2004/012539

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 60/464,823 23 Apr/avr 2003 US (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHODS AND APPARATUS OF ENHANCING PERFORMANCE IN WIRELESS COMMUNICATION SYSTEMS

• PROCEDES ET APPAREIL PERMETTANT D'AMELIORER LES PERFORMANCES DE SYSTEMES DE COMMUNICATION SANS FIL

(71) FLARION TECHNOLOGIES, INC. [US/US]; Bedminster One, 135 Route 202/206 South, Bedminster, NJ 07921 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LAROLA, Rajiv [IN/US]; 455 Somerville Road, Basking Ridge, NJ 07920 (US). SRINIVASAN, Murari [IN/US]; 75 Freemont Court, Somerset, NJ 08873 (US). LI, Junyi [CN/US]; 357 Wren Lane, Bedminster, NJ 07921 (US).

(74) STRAUB, Michael, P.; Straub & Pokotylo, 620 Tinton Avenue, Building B, 2nd Floor, Tinton Falls, NJ 07724-3260 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04Q

(11) WO 2004/095852 (13) A2

(21) PCT/US2004/007682

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 10/402,739 29 Mar/mar 2003 US (29.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR PROVIDING MOBILE CALLER INFORMATION TO A SPECIAL NUMBER SERVICE STATION

• SYSTEME ET PROCEDE POUR FOURNIR DES INFORMATIONS SUR UN APPELANT, UTILISANT UN APPAREIL MOBILE, A UN POSTE DE SERVICES A NUMERO SPECIAL

(71) INTRADO INC. [US/US]; 1601 Dry Creek Drive, Longmont, CO 80503 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72) EISNER, Gerald; 6S541 Bridlespur Drive, Naperville, IL 60540 (US). KNOX, Mark, Clinton; 1609 Zinnia Circle, Lafayette, CO 80026 (US).

(74) KNEPPER, Bradley, M. et al. / etc.; SHERIDAN ROSS P.C., 1560 Broadway, Suite 1200, Denver, CO 80202-5141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q

(11) WO 2004/095853 (13) A2

(21) PCT/US2004/008269

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 10/396,523 25 Mar/mar 2003 US (25.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR CELL SELECTION AND RESELECTION BY A CELLULAR MOBILE STATION IN IDLE MODE

• PROCEDE PERMETTANT LA SELECTION ET LA RESELECTION DE CELLULES PAR UNE STATION MOBILE EN MODE REPOS

(71) MOTOROLA INC. [US/US]; 1303 EAST ALGONQUIN ROAD, SCHAUMBURG, IL 60196 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) OTTING, Marcia Jean [US/US]; 246 N. Lincoln Avenue, Mundelein, IL 60060 (US).

(74) VAAS, Randall S. et al. / etc.; 600 North US Highway 45, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG



- MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> H04Q  
(11) WO 2004/095854 (13) A2  
(21) PCT/US2004/008272  
(22) 17 Mar/mar 2004 (17.03.2004)  
(25) en (26) en  
(30) 10/397,493 26 Mar/mar 2003 US  
(26.03.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND APPARATUS FOR  
MULTIPLE SUBSCRIBER IDENTITIES  
IN A MOBILE COMMUNICATION DE-  
VICE  
• PROCEDE ET SYSTEME POUR IDEN-  
TITES D'ABONNES MULTIPLES DANS  
UN DISPOSITIF DE COMMUNICA-  
TION MOBILE
- (71) MOTOROLA INC. [US/US]; 1303 EAST  
ALGONQUIN ROAD, SCHAUMBURG, IL  
60196 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) AERRABOTU, Naveen [IN/US];  
7943 Dada Drive, Gurnee, IL 60031 (US).  
BINZEL, Charles P. [US/US]; 17001 60th  
Street, Bristol, WI 53104 (US). SRINI-  
VASAN, Bharat [IN/US]; 4245 N. Bloom-  
ington, Arlington Heights, IL 60004 (US).
- (74) LOPPNOW, Matthew C. et al. / etc.; 600  
North US Highway 45, Libertyville, IL 60048  
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> H04Q  
(11) WO 2004/095855 (13) A2  
(21) PCT/US2004/008973  
(22) 19 Mar/mar 2004 (19.03.2004)  
(25) en (26) en  
(30) 10/403,946 31 Mar/mar 2003 US  
(31.03.2003)  
(30) 10/437,667 14 May/mai 2003 US  
(14.05.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • PACKET FILTERING FOR EMER-  
GENCY ACCESS IN A PACKET DATA  
NETWORK COMMUNICATION SYS-  
TEM  
• FILTRAGE DES PAQUETS POUR UN  
ACCES D'URGENCE DANS UN SYS-  
TEME DE COMMUNICATION A RE-  
SEAU DE PAQUETS DE DONNEES
- (71) MOTOROLA INC. [US/US]; 1303 East Al-  
gonquin Road, Schaumburg, IL 60196 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72, 75) AERRABOTU, Naveen [IN/US];  
7943 Dada Drive, Gurnee, IL 60031 (US).  
WILLIS, Lawrence, A. [US/US]; 1813  
Edward Court, McHenry, IL 60050 (US).  
PECEN, Mark, E. [US/US]; 1935 S. Plum  
Grove Road, Palatine, IL 60067 (US).  
ZHAO, Yilin [CN/US]; 2742 Wilshire Lane,  
Northbrook, IL 60062 (US).
- (74) VAAS, Randall, S. et al. / etc.; 600 North US  
Highway 45, Libertyville, IL 60048 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
- (51)<sup>7</sup> H04Q 3/00  
(11) WO 2004/095856 (13) A1  
(21) PCT/US2004/011703  
(22) 15 Apr/avr 2004 (15.04.2004)  
(25) en (26) en  
(30) 10/417,381 16 Apr/avr 2003 US  
(16.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SYSTEM AND METHOD FOR DE-  
PLOYING NEW EQUIPMENT AND  
SERVICES IN CONJUNCTION WITH A  
LEGACY PROVISIONING SYSTEM  
• SYSTEME ET PROCEDE DE DE-  
PLOIEMENT D'EQUIPEMENT ET  
DE SERVICES NOUVEAUX CONJOIN-  
TEMENT AVEC UN SYSTEME DE  
DIMENSIONNEMENT HERITE
- (71) ENTRISPHERE [US/US]; 2770 San Tomas  
Expressway, Santa Clara, CA 95051 (US).  
*(for all designated States except / pour tous  
les États désignés sauf US)*
- (72) WINTERBOTTOM, Philip; 3609 Warner  
Drive, San Jose, CA 95127 (US).
- (74) VIGUET, R., Ross et al. / etc.; Fulbright  
& Jaworski L.L.P., 2200 Ross Avenue, Suite  
2800, Dallas, TX 75201-2784 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL
- SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- 
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- 
- (51)<sup>7</sup> H04Q 7/20  
(11) WO 2004/095858 (13) A1  
(21) PCT/JP2004/005198  
(22) 12 Apr/avr 2004 (12.04.2004)  
(25) ja (26) ja  
(30) 2003-117071 22 Apr/avr 2003 JP  
(22.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • INFORMATION DISCLOSURE SYS-  
TEM  
• SYSTEME DE TRANSMISSION  
D'INFORMATION
- (71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO., LTD. [JP/JP]; 1006, Oaza  
Kadoma, Kadoma-shi, Osaka 5718501 (JP).

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(72, 75) UENO, Tsuyoshi

(74) OGURI, Shohei et al. / etc.; Eikoh Patent Office, 13th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 1076013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/22, 7/32, 7/38

(11) WO 2004/095859 (13) A1

(21) PCT/CY2003/000003

(22) 16 Oct/oct 2003 (16.10.2003)

(25) en (26) en

(30) CY03/00033 22 Apr/avr 2003 CY (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • PREPAID MOBILE NETWORK SERVICE CARD  
• CARTE DE SERVICES DE RÉSEAU MOBILE PRÉPAYÉE

(71, 72) SALONIKIOS, George [CY/CY]; 3B A. Tasou, Shop 3B, 3046 Limassol (CY).

(74) ANDREAS NEOCLEOUS & CO; Archbishop Makariou III Avenue No. 62, Xenios Business Center, 6th floor, Office 603, 1648 Nicosia (CY).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H04Q 7/22, 7/38

(11) WO 2004/095860 (13) A1

(21) PCT/JP2004/005694

(22) 21 Apr/avr 2004 (21.04.2004)

(25) ja (26) ja

(30) 2003-117735 23 Apr/avr 2003 JP (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR MOBILE COMMUNICATION  
• SYSTEME ET PROCEDE POUR COMMUNICATION MOBILE

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKANO, Nahoko [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). HAMABE, Kojiro [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). TSUMURA, Soichi [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP). MATSUMOTO, Mariko [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP).

(74) KUDOH, Minoru; 6F, KADOYA BLDG., 24-10, Minamiooi 6-chome, Shinagawa-ku, Tokyo 1400013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/22

(11) WO 2004/095861 (13) A1

(21) PCT/SE2004/000542

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 0301229-1 24 Apr/avr 2003 SE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN ARCHITECTURAL MODEL OF A RADIO BASE STATION  
• MODELE ARCHITECTURAL D'UNE STATION DE BASE RADIO.

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-164 83 Stockholm (SE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ÖSTERLING, Jacob [SE/SE]; Meteorvägen 25, S-175 60 JÄRFÄLLA (SE). LINDQVIST, Dan [SE/SE]; Hedemoravägen 135, S-192 71 SOLLENTUNA (SE). TEDER, Paul [SE/SE]; Palissadgränd 24, S-187 46 TÄBY (SE). ANDERSSON, Rutger [SE/SE]; Oslögatan 36, 1tr, S-164 31 KISTA (SE).

(74) MAGNUSSON, Monica; Ericsson AB, Patent Unit Radio Networks, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designation / pour la désignation suivante : US

(t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)<sup>7</sup> H04Q 7/22

(11) WO 2004/095862 (13) A1

(21) PCT/SE2004/000544

(22) 6 Apr/avr 2004 (06.04.2004)

(25) en (26) en

(30) 0301228-3 24 Apr/avr 2003 SE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • A RADIO BASE STATION INTERFACE  
• INTERFACE DE STATION DE BASE RADIO

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-164 83 Stockholm (SE). KAMINSKI, Krzysztof [SE/SE]; Norrskensbacken 15 5tr, S-146 46 Tullinge (SE). SKOG, Lars [SE/SE]; Trädgårdsgatan 60B, S-431 35 Mölndal (SE).  
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ÖSTERLING, Jacob [SE/SE]; Meteorvägen 25 B, S-175 60 Järfälla (SE). ALMQUIST, David [SE/SE]; Kikarvägen 14, S-175 46 Järfälla (SE). CATIJN, Paul [NL/NL]; Palembangstraat 1, NL-7541 ZH Enschede (NL).

(74) MAGNUSSON, Monica; Ericsson AB, Patent Unit Radio Networks, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU

AZ BA BB BG BR BW BY BZ CA CH CN CO CR  
CU CZ DE DK DM DZ EC EE EG ES FI GB GD  
GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM TN  
TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP  
(BW GH GM KE LS MW MZ SD SL SZ TZ UG  
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)  
EP (AT BE BG CH CY CZ DE DK EE ES FI FR  
GB GR HU IE IT LU MC NL PL PT RO SE SI SK  
TR) OA (BF BJ CF CG CI CM GA GN GQ GW  
ML MR NE SN TD TG)

(t) for the following designation / pour la  
désignation suivante : US; (t) for the following  
designation / pour la désignation suivante :  
US; (t) for the following designation / pour la  
désignation suivante : US; (t) for the following  
designation / pour la désignation suivante :  
US; (t) for the following designation / pour la  
désignation suivante : US  
(u) for / pour US only / seulement

(51)<sup>7</sup> H04Q 7/24

(11) WO 2004/095863 (13) A1

(21) PCT/US2004/002491

(22) 29 Jan/jan 2004 (29.01.2004)

(25) en (26) en

(30) 60/458,189 27 Mar/mar 2003 US  
(27.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SECURE ROAMING BETWEEN WIRE-  
LESS ACCESS POINTS  
• ITINERANCE SECURISEE ENTRE DES  
POINTS D'ACCES SANS FIL

(71) THOMSON LICENSING S.A. [US/US];  
46, Quai A. Le Galo, F-92648 Boulogne  
(US).  
(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ZHANG, Junbiao [CN/US]; 20  
Jenna Drive, Bridgewater, NJ 08807 (US).  
MATHUR, Saurabh [IN/US]; 4701 Quail  
Ridge Drive, Plainsboro, NJ 08536 (US).  
RAMASWAMY, Kumar [IN/US]; 71 Sayre  
Drive, Princeton, NJ 08540 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; Two In-  
dependence Way, Suite #200, Princeton, NJ  
08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

(51)<sup>7</sup> H04Q 7/32

(11) WO 2004/095864 (13) A1

(21) PCT/DE2004/000626

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 18 889.4 17 Apr/avr 2003 DE  
(17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • METHOD FOR SELECTING AN IN-  
TERFACE OF A MULTISTANDARD  
COMMUNICATION APPLIANCE, AND  
CORRESPONDING DEVICE

• PROCEDE POUR SELECTIONNER  
UNE INTERFACE D'UN APPAREIL  
DE COMMUNICATION COMPATIBLE  
AVEC PLUSIEURS NORMES, ET DIS-  
POSITIF CORRESPONDANT

(71) SIEMENS AKTIENGESELLSCHAFT  
[DE/DE]; Wittelsbacherplatz 2, 80333  
München (DE).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) ENDERLEIN, Janos-Gerold [DE/DE];  
Hannoversche Strasse 22, 10115 Berlin (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;  
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DK  
DM DZ EC EE EG ES FI GB GD GE GH GM  
HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN  
MW MX MZ NA NI NO NZ OM PG PH PL  
PT RO RU SC SD SE SG SK SL SY TJ TM  
TN TR TT TZ UA UG US UZ VC VN YU  
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04Q 7/32, 7/38

(11) WO 2004/095865 (13) A1

(21) PCT/FI2004/000245

(22) 21 Apr/avr 2004 (21.04.2004)

(25) fi (26) en

(30) 20030617 24 Apr/avr 2003 FI  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • CONTROLLING ROAMING IN MO-  
BILE TERMINAL

• COMMANDE DE L'ITINERANCE D'UN  
TERMINAL MOBILE

(71) NOKIA CORPORATION [FI/FI];  
Keilalahdentie 4, FI-02150 Espoo (FI).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) AALTONEN, Janne [FI/FI]; Ylisenkatu  
3 C 21, FI-33710 Tampere (FI).

(74) FORSSÈN & SALOMAA OY; Eerikinkatu  
2, FI-00100 Helsinki (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04Q 7/34

(11) WO 2004/095866 (13) A1

(21) PCT/FR2004/050085

(22) 26 Feb/fév 2004 (26.02.2004)

(25) fr (26) fr

(30) 03/50120 22 Apr/avr 2003 FR  
(22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SYSTEM AND METHOD FOR TEST-  
ING A MOBILE TELEPHONE NET-  
WORK

• SYSTEME ET PROCEDE DE TEST  
D'UN RESEAU DE TELEPHONE MO-  
BILE

(71) SAGEM SA [FR/FR]; 27, rue Leblanc,  
F-75015 Paris (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BUYSE, Olivier [FR/FR]; 21, rue  
Arnoult Crapotte, F-78700 Conflans Ste  
Honorine (FR).

(74) CAMUS, Olivier; 8, place du Ponceau,  
F-95000 Cergy (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PT RO SE SI SK TR); OA (BF BJ CF  
CG CI CM GA GN GQ GW ML MR NE SN  
TD TG).

Published / Publiée : (c)

(51)<sup>7</sup> H04Q 7/38

(11) WO 2004/095867 (13) A1

(21) PCT/AU2004/000529

(22) 22 Apr/avr 2004 (22.04.2004)

(25) en (26) en

(30) 2003901931 23 Apr/avr 2003 AU  
(23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • RADIO NETWORK ASSIGNMENT  
AND ACCESS SYSTEM

• SYSTEME D'ACCES ET  
D'ATTRIBUTION DANS UN RESEAU  
DE RADIOCOMMUNICATION

(71) THISS TECHNOLOGIES PTE LTD  
[SG/SG]; 1092 Lower Delta Road, #03-01/03,  
Tiong Bahru Industrial Estate, Singapore  
169203 (SG).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **GOERKE, Thomas, Earle** [AU/AU]; 14 Davidson Road, Attadale, W.A. 6156 (AU). **HAMMERSLA, Richard** [AU/AU]; 10 Trove Park Drive, Vermont, VIC 3133 (AU). **HART, Nicholas, Richard** [AU/AU]; 7 Grand Central Avenue, Hallett Cove, S.A. 5158 (AU). **MEULMAN, Christopher, Boyce** [AU/AU]; 40 Kedumba Crescent, North Turrumurra, NSW 2074 (AU). **CIRILLO, Nicholas, A.** [AU/SG]; 12 Stirling Road, #30-11 Queens Condominium, Singapore 148955 (SG).
- (74) **SPRUSON & FERGUSON**; GPO Box 3890, Sydney, New South Wales 2001 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **H04Q 7/38**
- (11) **WO 2004/095868** (13) A2
- (21) PCT/EP2004/003320
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) de (26) de
- (30) 103 18 590.9 **24 Apr/avr 2003 DE (24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD, CONFIGURATION AND COMPUTER PROGRAM COMPRISING PROGRAM CODE MEANS AND COMPUTER PROGRAM PRODUCT FOR DETERMINING A SELECTED POSITION OF A MOBILE COMMUNICATIONS DEVICE WITHIN A COMMUNICATIONS NETWORK
- PROCEDE ET SYSTEME AINSI QUE PROGRAMME INFORMATIQUE COMPRENANT DES MOYENS DE CODE DE PROGRAMME ET PRODUIT-PROGRAMME INFORMATIQUE POUR DETERMINER UNE POSITION SELECTIONNEE D'UN DISPOSITIF DE COMMUNICATION MOBILE DANS UN RESEAU DE COMMUNICATION
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAMBERGER, Joachim** [DE/DE]; Würmstrasse 31 A, 82131 Stockdorf (DE). **BRIECHLE, Kai** [DE/DE]; Schelling Str. 117, 80798 München (DE). **GRIGORAS, Marian** [RO/DE]; Mozartstr. 53, 85579 Neubiberg (DE). **HANEBECK, Uwe** [DE/DE]; Kiefernweg 10, 76337 Waldbronn (DE). **HOFFMANN, Clemens** [DE/DE]; St. Ulrich Platz 8, 85630 Grasbrunn (DE). **RAUH, Andreas** [DE/DE]; Sonnenstrasse 18, 82110 Germering (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **H04Q 7/38**
- (11) **WO 2004/095870** (13) A1
- (21) PCT/JP2004/005869
- (22) **26 Jan/jan 2004 (26.01.2004)**
- (25) de (26) de
- (30) 103 18 649.2 **24 Apr/avr 2003 DE (24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD FOR TRANSMITTING A MESSAGE, MOBILE STATION AND BASE STATION
- PROCEDE DE TRANSMISSION D'UN MESSAGE, STATION MOBILE ET STATION DE BASE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BIENAS, Maik** [DE/DE]; Spartanerstrasse 10, 30519 Hannover (DE). **KOWALEWSKI, Frank** [DE/DE]; Schierke 16, 38228 Salzgitter (DE). **SCHWAGMANN, Norbert** [DE/DE]; An der Paulikirche 7, 38102 Braunschweig (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> **H04Q 7/38**
- (11) **WO 2004/095871** (13) A1
- (21) PCT/KR2003/001661
- (22) **18 Aug/août 2003 (18.08.2003)**
- (25) en (26) en
- (30) 10-2003-0025755 **23 Apr/avr 2003 KR (23.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MOBILE PHONE BASED METHOD FOR THE NOTIFICATION
- PROCEDE DE NOTIFICATION PAR TELEPHONE MOBILE
- (71, 72) **AN, Jong Ick** [KR/KR]; 108-1301, Gulhwa Jugong APT., Mugeo 1-dong, Nam-gu, Ulsan-shi 680-755 (KR).
- (74) **HAN, Sang Hyuk**; Dugyu B/D 2F, 943-14 Daechi-dong, Kangnam-gu, Seoul 135-845 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (22) **23 Apr/avr 2004 (23.04.2004)**
- (25) en (26) en
- (30) 0350128 **24 Apr/avr 2003 FR (24.04.2003)**
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD OF TIME AND FREQUENCY SYNCHRONIZATION OF MULTI-MODE TERMINAL
- PROCEDE DE SYNCHRONISATION TEMPORELLE ET FREQUENTIELLE D'UN TERMINAL MULTIMODE
- (71) **NEC CORPORATION** [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 108-8001 (JP).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SANCHEZ, Javier** [FR/FR]; 76, av. de la République, F-92500 Rueil-Malmaison (FR).
- (74) **MIYAZAKI, Teruo et al.** / etc.; 16th Kowa Bldg., 8th Floor, 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 7/38

(11) WO 2004/095872 (13) A1  
(21) PCT/SE2004/000581  
(22) 14 Apr/avr 2004 (14.04.2004)  
(25) en (26) en  
(30) 10/419,270 21 Apr/avr 2003 US (21.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • UPLINK LOAD DETERMINATION AND SIGNALING FOR ADMISSION AND CONGESTION CONTROL

• DETERMINATION ET SIGNALISATION DE CHARGE MONTANTE POUR LE CONTROLE D'ADMISSION ET D'ENCOMBREMENT

(71) TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) [SE/SE]; S-164 83 Stockholm (SE).

(72) RUNE, Göran; Sandgårdsgatan 5A, S-582 52 Linköping (SE). BARK, Gunnar; Mariedalsgatan 104, S-586 65 Linköping (SE). WIBERG, Niclas; Sofielundsvägen 8, S-585 97 Linköping (SE). GUNNARSSON, Fredrik; Valkebogatan 12, S-582 47 Linköping (SE).

(74) MAGNUSSON, Monica; Ericsson AB, Patent Unit Radio Networks, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)<sup>7</sup> H04Q 7/38, 7/30

(11) WO 2004/095873 (13) A1  
(21) PCT/SE2004/000631  
(22) 23 Apr/avr 2004 (23.04.2004)  
(25) en (26) en  
(30) 0301259-8 24 Apr/avr 2003 SE (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • IMPROVEMENTS IN OR RELATING TO DISTRIBUTED RADIO UNITS

• AMELIORATIONS APPORTEES A DES EMETTEURS RADIO PARTIS OU RELATIVES A CELLES-CI

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERGSTRÖM, Anders [SE/SE]; Knarrhögsatan 10 A, S-431 60 Mölndal (SE). ASCHERMANN, Benedikt [DE/DE]; Ilexweg 1a, 42111 Wuppertal (DE). ÖSTERLING, Jacob [SE/SE]; Meteorsvägen 25 B, S-175 60 Järfälla (SE).

(74) MAGNUSSON, Monica; Ericsson AB, Patent Unit Radio Networks, S-164 80 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designation / pour la désignation suivante : US; (i) for the following designation / pour la désignation suivante : US; (j) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)<sup>7</sup> H04Q 11/00

(11) WO 2004/095874 (13) A2  
(21) PCT/US2004/007633  
(22) 12 Mar/mar 2004 (12.03.2004)  
(25) en (26) en  
(30) 10/417,823 16 Apr/avr 2003 US (16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ARCHITECTURE, METHOD AND SYSTEM OF MULTIPLE HIGH-SPEED SERVERS TO NETWORK IN WDM BASED PHOTONIC BURST-SWITCHED NETWORKS

• ARCHITECTURE, PROCEDE ET SYSTEME DE MISE EN RESEAU DE SERVEURS HAUTE VITESSE MULTIPLES DANS DES RESEAUX COMMUTES PAR RAFALES PHOTONIQUES A MULTIPLEXAGE EN LONGUEUR D'ONDE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) OVADIA, Shlomo; 1576 Willow Oaks Drive, San Jose, CA 95125 (US). MACIOCCO, Christian; 16322 SW Stahl Drive, Tigard, OR 97223 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H04Q 11/00

(11) WO 2004/095875 (13) A1  
(21) PCT/US2004/007804  
(22) 12 Mar/mar 2004 (12.03.2004)  
(25) en (26) en  
(30) 10/418,487 17 Apr/avr 2003 US (17.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MODULAR RECONFIGURABLE MULTI-SERVER SYSTEM AND METHOD FOR HIGH-SPEED PHOTONIC BURST-SWITCHED NETWORKS

• SYSTEME A SERVEURS MULTIPLES RECONFIGURABLE MODULAIRE ET PROCEDE POUR RESEAUX A COMMUTATION PAR RAFALES PHOTONIQUES HAUTE VITESSE

- (71) INTEL CORPORATION [US/US]; 2200 Mission College Blvd., Santa Clara, CA 95052 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OVADIA, Shlomo [US/US]; 1576 Willow Oaks Drive, San Jose, CA 95125 (US). PANICCIA, Mario [US/US]; 2371 Lass Drive, Santa Clara, CA 95054 (US). HAYDEN, Kirk [US/US]; 1834 Hampshire Place, El Dorado Hills, CA 95762 (US).
- (74) MALLIE, Michael, J. et al. / etc.; Blakely Sokoloff Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- 
- (51)<sup>7</sup> H04R
- (11) WO 2004/095876 (13) A2
- (21) PCT/SE2004/000632
- (22) 23 Apr/avr 2004 (23.04.2004)
- (25) sv (26) en
- (30) 0301199-6 24 Apr/avr 2003 SE (24.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • A MICROPHONE/EAR-HEADPHONE UNIT AND A COMPUTER SYSTEM  
• UNITE MICROPHONE/CASQUE ET SYSTEME INFORMATIQUE
- (71, 72) DANIELSSON, Niklas [SE/SE]; Johan Enbergsväg 11, S-171 62 Solna (SE).
- (74) BERGLUND, Stefan et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsg. 58, S-114 50 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H04R
- (11) WO 2004/095877 (13) A2
- (21) PCT/US2004/012341
- (22) 21 Apr/avr 2004 (21.04.2004)
- (25) en (26) en
- (30) 10/420,954 22 Apr/avr 2003 US (22.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • SOUND MASKING SYSTEM  
• SYSTEME DE MASQUAGE DE SONS
- (71) ACENTECH, INC. [US/US]; 33 Moulton Street, Cambridge, MA 02138 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HERRALL, Thomas, R.; 26 Bowers Road, Harvard, MA 01451 (US). HEINE, John, C.; 40 Cherry Brook Road, Weston, MA 02493 (US).
- (74) HEINE, Holliday, C. et al. / etc.; Weingarten, Schurgin, Gagnebin & Lebovici LLP, Ten Post Office Square, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :  
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- 
- (51)<sup>7</sup> H04R
- (11) WO 2004/095878 (13) A2
- (21) PCT/US2004/012363
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 60/464,617 23 Apr/avr 2003 US (23.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • METHOD AND APPARATUS FOR SOUND TRANSDUCTION WITH MINIMAL INTERFERENCE FROM BACKGROUND NOISE AND MINIMAL LOCAL ACOUSTIC RADIATION  
• METHODE ET APPAREIL POUR UNE TRANSDUCTION SONORE PRESENTANT UNE INTERFERENCE MINIMALE PROVENANT D'UN BRUIT DE FOND ET UN RAYONNEMENT ACOUSTIQUE LOCAL MINIMAL
- (71) RH LYON CORP [US/US]; 691 Concord Avenue, Cambridge, MA 02139 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LYON, Richard, H. [US/US]; 60 Prentiss Lane, Belmont, MA 02478 (US). BOWEN, David, L. [US/US]; 19 Lancaster Street, Cambridge, MA 02140 (US). UNGER, Gladys, L. [US/US]; 28 Emerson Street, Belmont, MA 02478 (US).
- (74) WEISSBURG, Steven, J.; 238 Main Street, Suite 303, Cambridge, MA 02142 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H04R
- (11) WO 2004/095879 (13) A2
- (21) PCT/US2004/012437
- (22) 22 Apr/avr 2004 (22.04.2004)
- (25) en (26) en
- (30) 60/464,672 22 Apr/avr 2003 US (22.04.2003)
- (30) 10/763,344 23 Jan/jan 2004 US (23.01.2004)
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • FLAT PANEL SURFACE ARRAY  
• RESEAU DE SURFACE D'ECRAN PLAT
- (71) HPV TECHNOLOGIES, LLC [US/US]; 760 West 16th Street, Building C, Costa Mesa, CA 92627 (US).  
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SIMIDIAN, Vahan, II [US/US]; 2215 Heather Lane, Newport Beach, CA 92660 (US). COLICH, Dragoslav [CA/US]; 760 West 16th Street, Building C, Costa Mesa, CA 92627 (US).
- (74) ALTMAN, Daniel, E.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, Fourteenth Floor, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> H04R 3/14, H04S 1/00, H04R 5/02

(11) WO 2004/095880 (13) A2

(21) PCT/DE2004/000866

(22) 23 Apr/avr 2004 (23.04.2004)

(25) de (26) de

(30) 103 18 683.2 24 Apr/avr 2003 DE  
(24.04.2003)

(30) 10 2004 010 982.6 3 Mar/mar 2004 DE  
(03.03.2004)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • SOUND AND/OR IMAGE REPRODUC-  
TION UNIT, AND USE OF A REMOV-  
ABLE OPERATOR PANEL

• APPAREIL DE REPRODUCTION DE  
SON ET/OU D'IMAGES ET UTILI-  
SATION D'UN PANNEAU DE COM-  
MANDE AMOVIBLE

(71, 72) ROTH, Roland [DE/DE]; Oppenhof-  
fallee 114, 52066 Aachen (DE).

(74) CASTELL, Klaus et al. / etc.; Liermann  
Castell, Gutenbergstrasse 12, 52349 Düren  
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H04R 7/00

(11) WO 2004/095881 (13) A2

(21) PCT/FR2004/000704

(22) 22 Mar/mar 2004 (22.03.2004)

(25) fr (26) fr

(30) 03/04733 16 Apr/avr 2003 FR  
(16.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DIRECT RADIATION, PURE BERYL-  
LIUM ACOUSTIC TRANSDUCER  
HAVING A CONCAVE MEMBRANE,  
USED FOR AUDIO APPLICATIONS,

ESPECIALLY FOR LOUDSPEAKER  
CABINETS

• TRANSDUCTEUR ACOUSTIQUE EN  
BERYLLIUM PUR A RADIATION DI-  
RECTE, A MEMBRANE DE FORME  
CONCAVE, POUR APPLICATIONS AU-  
DIO NOTAMMENT POUR ENCEINTES  
ACOUSTIQUES

(71) FOCAL-JMLAB (S.A.) [FR/FR]; 108, rue  
de l'Avenir, ZI Molina La Chazotte, F-42350  
La Talaudière (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) BAKER, Dominic [GB/FR]; Les Cor-  
nettes, F-42220 La Versanne (FR). MAHUL,  
Jacques [FR/FR]; 1, rue de Lurieu, F-42160  
Bonson (FR).

(74) RICHEBOURG, Michel; Cabinet Michel  
Richebourg, Le Clos du Golf, 69, rue  
Saint-Simon, F-42000 Saint-Etienne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> H04R 7/12, 31/00

(11) WO 2004/095882 (13) A1

(21) PCT/FR2004/000642

(22) 16 Mar/mar 2004 (16.03.2004)

(25) fr (26) fr

(30) 03/04420 9 Apr/avr 2003 FR  
(09.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTI-LAYERED MEMBRANES  
CONSISTING OF A PLURALITY  
OF MATERIALS, FOR THE LOUD-  
SPEAKER OF A HIGH FIDELITY  
LOUDSPEAKER CABINET

• MEMBRANES POUR HAUT-PARLEUR  
D'ENCEINTE ACOUSTIQUE HAUTE  
FIDELITE, MULTICOUCHES, MULTI-  
MATERIAUX

(71) FOCAL-JMLAB (SA) [FR/FR]; 108, rue de  
l'Avenir, Z.I. Molina La Chazotte, F-42350 La  
Talaudière (FR).

(for all designated States except / pour tous  
les États désignés sauf US)

(72, 75) DE LA NOUVELLE, Bruno [FR/FR];  
La Dignonnière Du Grand Bois, F-42660  
Saint-Genest Malifaux (FR). CHRETIEN,  
Gérard [FR/FR]; 6, allée des Bruyères,  
F-69530 Brignais (FR).

(74) RICHEBOURG, Michel; Cabinet Michel  
Richebourg, Le Clos du Golf, 69, rue  
Saint-Simon, F-42000 Saint-Etienne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :  
(u) for / pour US only / seulement

(51)<sup>7</sup> H04R 17/00, B01J 19/10, B06B 1/06

(11) WO 2004/095883 (13) A1

(21) PCT/US2004/006253

(22) 1 Mar/mar 2004 (01.03.2004)

(25) en (26) en

(30) 10/403,643 31 Mar/mar 2003 US  
(31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • ULTRASONIC ENERGY SYSTEM AND  
METHOD INCLUDING A CERAMIC  
HORN

• SYSTEME ET PROCEDE A ENERGIE  
ULTRASONIQUE FAISANT INTERVE-  
NIR UN CORNET CERAMIQUE

(71) 3M INNOVATIVE PROPERTIES COM-  
PANY [US/US]; 3M Center, Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).

(72) NAYAR, Satinder, K.; Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).  
GERDES, Ronald, W.; Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).  
CARPENTER, Michael, W.; Post Office  
Box 33427, Saint Paul, MN 55133-3427  
(US). AMIN, Kamal, E.; Post Office Box  
33427, Saint Paul, MN 55133-3427 (US).

(74) FRANZEN, Rick, L. et al. / etc.; Office  
of Intellectual Property Counsel, Post Office  
Box 33427, Saint Paul, MN 55133-3427  
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).

(51)<sup>7</sup> H05B

(11) WO 2004/095884 (13) A2

(21) PCT/US2003/039154

(22) 10 Dec/déc 2003 (10.12.2003)

(25) en (26) en

- (30) 10/402,509 **28 Mar/mar 2003** US  
(**28.03.2003**) CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
- (43) 4 Nov/nov 2004 (04.11.2004)
- (54) • MERCURY VAPOR LAMP ELECTRICAL CONNECTOR  
• CONNECTEUR ELECTRIQUE DE LAMPE A VAPEUR DE MERCURE
- (71) LIGHT SOURCES, INC. [US/US]; 37 Robinson Boulevard, Orange, CT 06477 (US).
- (72) KOVACS, George; 68 Nod Brook Road, Wallingford, CT 06492 (US).
- (74) KELMACHTER, Barry, L.; 900 Chapel Street, Suite 1201, New Haven, CT 06510 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H05B  
(11) WO 2004/095885 (13) A2  
(21) PCT/US2004/011311  
(22) 13 Apr/avr 2004 (13.04.2004)  
(25) en (26) en  
(30) 60/463,936 **18 Apr/avr 2003** US  
(**18.04.2003**)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • VACUUM CHAMBER FOR INDUCTION HEATING AND MELTING  
• CHAMBRE A VIDE POUR CHAUFFAGE ET FUSION PAR INDUCTION
- (71) INDUCTOTHERM CORPORATION [US/US]; 10 Indel Avenue, P.O. Box 157, Rancocas, NJ 08073 (US).  
*(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) FISHMAN, Oleg, S. [US/US]; 1 Saljon Court, Maple Glen, PA 19002 (US). CAO, Maochang [US/US]; 425 West Country Club Drive, Westampton, NJ 08060 (US).
- (74) POST, Philip, O.; Indel, INC., 10 Indel Avenue, P.O. Box 157, Rancocas, NJ 08073 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- 
- (51)<sup>7</sup> H05B 33/08, G01R 19/00  
(11) WO 2004/095887 (13) A1  
(21) PCT/GB2004/001670  
(22) 16 Apr/avr 2004 (16.04.2004)  
(25) en (26) en  
(30) 0308815.0 **16 Apr/avr 2003** GB  
(**16.04.2003**)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • APPARATUS AND METHOD FOR OPERATING CURRENT DEPENDENT ELECTRONIC DEVICES  
• APPAREIL ET PROCÉDE POUR LE FONCTIONNEMENT DE DISPOSITIFS ELECTRONIQUE A DEPENDANCE DE COURANT
- (71, 72) LANGMEAD, Peter [GB/GB]; 8 Squires Bridge Road, Shepperton, Middlesex TW17 0LB (GB). OSBORNE, Raymond [GB/GB]; Martlets, Isle of Oxney, Kent TN30 7NT (GB).
- (74) MERRIFIELD, Sarah, Elizabeth et al. / etc.; Boulft Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declaration / Déclaration :  
(u) for / pour US only / seulement
- 
- (51)<sup>7</sup> H05B 33/14, 33/22, C08L 25/00  
(11) WO 2004/095888 (13) A1  
(21) PCT/JP2004/004439  
(22) 29 Mar/mar 2004 (29.03.2004)  
(25) ja (26) ja  
(30) 2003-092621 **28 Mar/mar 2003** JP  
(**28.03.2003**)  
(43) 4 Nov/nov 2004 (04.11.2004)
- (54) • ORGANIC EL DEVICE AND ORGANIC EL DISPLAY  
• DISPOSITIF ELECTROLUMINESCENT ORGANIQUE ET ECRAN ELECTROLUMINESCENT ORGANIQUE
- (71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).  
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- (72, 75) SHIRAI, Satoshi [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP). EBISAWA, Akira [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP). SHINKAI, Masahiro [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP). KAMBE, Emiko [JP/JP]; (c/o) TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).
- (74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 1040061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(11) WO 2004/095889 (13) A1  
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(25) ja (26) ja  
(30) 2003-117886 23 Apr/avr 2003 JP  
(23.04.2003)  
(30) 2004-15487 23 Jan/jan 2004 JP  
(23.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ORGANIC ELECTROLUMINESCENT  
DEVICE AND DISPLAY  
• DISPOSITIF ORGANIQUE ELECTRO-  
LUMINESCENT ET AFFICHAGE

(71) KONICA MINOLTA HOLDINGS, INC.  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
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(51)<sup>7</sup> H05B 33/22  
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(21) PCT/JP2004/005616  
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(25) ja (26) ja  
(30) 2003-117886 23 Apr/avr 2003 JP  
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(30) 2004-15487 23 Jan/jan 2004 JP  
(23.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • MATERIAL FOR ORGANIC ELECTRO-  
LUMINESCENT DEVICE, ORGANIC  
ELECTROLUMINESCENT DEVICE,

ILLUMINATING DEVICE AND DIS-  
PLAY

• MATIERE POUR DISPOSITIF ELEC-  
TROLUMINESCENT ORGANIQUE,  
DISPOSITIF ELECTROLUMINES-  
CENT ORGANIQUE, DISPOSITIF  
D'ECLAIRAGE ET AFFICHAGE

(71) KONICA MINOLTA HOLDINGS, INC.  
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(JP). UEDA, Noriko [JP/JP]; c/o Kon-  
ica Minolta Technology, Center, Inc., 1,  
Sakura-machi, Hino-shi, Tokyo 191-8511  
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
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(23.01.2004)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • MATERIAL FOR ORGANIC ELECTRO-  
LUMINESCENT DEVICE, ORGANIC  
ELECTROLUMINESCENT DEVICE,  
ILLUMINATING DEVICE AND DIS-  
PLAY

• MATERIAU POUR DISPOSITIF ELEC-  
TROLUMINESCENT ORGANIQUE,  
DISPOSITIF ELECTROLUMINES-  
CENT ORGANIQUE, DISPOSITIF  
D'ECLAIRAGE ET AFFICHAGE

(71) KONICA MINOLTA HOLDINGS, INC.  
[JP/JP]; 6-1, Marunouchi 1-chome, Chi-  
yoda-ku, Tokyo 100-0005 (JP).

*(for all designated States except / pour tous  
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(72, 75) KATO, Eisaku [JP/JP]; c/o Kon-  
ica Minolta Technology, Center, Inc., 1,  
Sakura-machi, Hino-shi, Tokyo 191-8511  
(JP). KITA, Hiroshi [JP/JP]; c/o Kon-  
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(JP). SUZURI, Yoshiyuki [JP/JP]; c/o Kon-  
ica Minolta Technology, Center, Inc., 1,  
Sakura-machi, Hino-shi, Tokyo 191-8511  
(JP). UEDA, Noriko [JP/JP]; c/o Kon-  
ica Minolta Technology, Center, Inc., 1,  
Sakura-machi, Hino-shi, Tokyo 191-8511  
(JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
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(51)<sup>7</sup> H05B 33/26, 33/14  
(11) WO 2004/095892 (13) A1  
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(25) ja (26) ja  
(30) 2003-119305 24 Apr/avr 2003 JP  
(24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • ORGANIC ELECTROLUMINESCENT  
DEVICE AND DISPLAY  
• DISPOSITIF ELECTROLUMINES-  
CENT ORGANIQUE ET AFFICHAGE

(71) IDEMITSU KOSAN CO., LTD. [JP/JP];  
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(72, 75) KUMA, Hitoshi [JP/JP]; 1280, Kami-  
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(74) WATANABE, Kihei; Shibashin Kanda  
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(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05C 1/00, A01K 3/00, G01R 31/02

(11) WO 2004/095893 (13) A1

(21) PCT/NZ2004/000076

(22) 20 Apr/avr 2004 (20.04.2004)

(25) en (26) en

(30) 525455 22 Apr/avr 2003 NZ (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FENCE CONDITION MONITORING APPARATUS AND METHOD

• APPAREIL ET PROCEDE DE SURVEILLANCE DE L'ETAT D'UNE CLOTURE

(71) GALLAGHER GROUP LIMITED [NZ/NZ]; PO Box 3026, Kahikatea Drive (no number), Hamilton, 2001 (NZ).  
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(72, 75) JOHNSTON, Richard, Lloyd [NZ/NZ]; 19 Sandalwood Drive, Hamilton, 2001 (NZ).

(74) MURPHY, Simon, J et al. / etc.; Private Bag 3140, Level 12, KPMG Centre, 85 Alexandra Street, Hamilton, 2001 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05C 1/04

(11) WO 2004/095894 (13) A1

(21) PCT/NZ2004/000077

(22) 23 Apr/avr 2004 (23.04.2004)

(25) en (26) en

(30) 525492 24 Apr/avr 2003 NZ (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • FARMER'S TEST STICK

• BATON DE TEST POUR FERMIER

(71, 72) PIRRITT, David, Andrew [NZ/NZ]; 2/6 Ray Small Drive, Papakura, 1703 (NZ).  
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(74) ENSOR, Donald, Rivers; 111 Western Springs Road, Mt Albert, Auckland, 1002 (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(s) for all designations / pour toutes les désignations

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(51)<sup>7</sup> H05G 2/00

(11) WO 2004/095895 (13) A1

(21) PCT/JP2004/005815

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-119756 24 Apr/avr 2003 JP (24.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • DEBRIS COLLECTOR FOR EUV LIGHT GENERATOR

• COLLECTEUR DE DEBRIS POUR GENERATEUR DE LUMIERE ULTRAVIOLETTE EXTREME

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(74) KIMURA, Takahisa et al. / etc.; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo, 1040043 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2004/095896 (13) A1

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(25) de (26) de

(30) 103 23 014.9 23 Apr/avr 2003 DE (23.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • NOZZLE FOR PLASMA TORCHES

• BUSE POUR TORCHES A PLASMA

(71) KJELLBERG FINSTERWALDE ELEKTRODEN & MASCHINEN GMBH [DE/DE]; Leipziger Str. 82, 03238 Finsterwalde (DE).  
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KÜMMEL, Kerstin [DE/DE]; Hutbergstrasse 15, 01326 Dresden (DE).  
MÖHLER, Wolfram [DE/DE]; Goldbachweg 13d, 09599 Freiberg (DE).

(74) PFENNING, MEINIG & PARTNER GBR; Gostritzer Str. 61-63, 01217 Dresden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)<sup>7</sup> H05K

(11) WO 2004/095897 (13) A2

(21) PCT/US2004/000751

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(25) en (26) en

(30) 60/457,076 24 Mar/mar 2003 US (24.03.2003)

(30) 60/457,258 25 Mar/mar 2003 US (25.03.2003)

(30) 60/462,143 8 Apr/avr 2003 US (08.04.2003)

(30) 10/736,280 15 Dec/déc 2003 US (15.12.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

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(74) APICELLI, Samuel, W.; Duane Morris LLP, 305 North Front Street, P.O. Box 1003, Harrisburg, PA 17108-1003 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05K 1/00

(11) WO 2004/095898 (13) A2

(21) PCT/US2004/006879

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/410,733 9 Apr/avr 2003 US (09.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • AN ELECTRONIC ASSEMBLY HAVING ANGLED SPRING PORTIONS  
• ENSEMBLE ELECTRONIQUE PRESENTANT DES PARTIES RESSORT COURBES

(71) INTEL CORPORATION (a Delaware corporation) [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US). (for all designated States except / pour tous les États désignés sauf US)

(72) DEFORD, Brian; 542 East Benrich Drive, Gilbert, AZ 85296 (US). TRAN, Donald; 15218 South 44th Place, Phoenix, AZ 85044 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05K 1/14, 3/22, 3/36

(11) WO 2004/095899 (13) A1

(21) PCT/US2004/005053

(22) 19 Feb/fév 2004 (19.02.2004)

(25) en (26) en

(30) 10/394,841 21 Mar/mar 2003 US (21.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • POWER DELIVERY APPARATUS, SYSTEMS, AND METHODS

• DISPOSITIFS, SYSTEMES ET PROCÉDES D'ALIMENTATION D'ENERGIE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) ALGER, William; 204 N.W. 110th Avenue, Portland, OR 97229 (US). LONG, Gary; 6778 S.W. 174th, Aloha, OR 97007 (US). BRIST, Gary; 8300 N.E. Highway 240, Yamhill, OR 97148 (US). MEJIA, Carlos; 3321 S.W. Vesta Court, Poprtland, OR 97219 (US).

(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05K 3/46, B32B 15/08

(11) WO 2004/095900 (13) A1

(21) PCT/JP2004/005764

(22) 22 Apr/avr 2004 (22.04.2004)

(25) ja (26) ja

(30) 2003-116466 22 Apr/avr 2003 JP (22.04.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • MULTILAYER PRINTED WIRING BOARD-USE COPPER-CLAD LAMINATE SHEET, MULTILAYER PRINTED WIRING BOARD AND PRODUCTION METHOD FOR MULTILAYER PRINTED WIRING BOARD

• FEUILLE STRATIFIEE PLAQUEE DE CUIVRE POUR CARTE DE CIRCUIT IMPRIME MULTICOUCHE, CARTE DE CIRCUIT IMPRIME MULTICOUCHE ET PROCEDE DE PRODUCTION POUR CARTE DE CIRCUIT IMPRIME MULTICOUCHE

(71) MATSUSHITA ELECTRIC WORKS LTD. [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KANAYA, Daisuke [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). MAEDA, Shuji [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). FUKUI, Taro [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP).

(74) KAWAMIYA, Osamu et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 5400001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05K 7/10, H01R 12/06

(11) WO 2004/095901 (13) A1

(21) PCT/US2004/003388

(22) 6 Feb/fév 2004 (06.02.2004)

(25) en (26) en

(30) 10/404,299 31 Mar/mar 2003 US (31.03.2003)

(43) 4 Nov/nov 2004 (04.11.2004)

(54) • COMBED LAND GRID ARRAY (LGA) SOCKET CONTACT FOR IMPROVED POWER DELIVERY

• CONTACT EN FORME DE PEIGNE POUR SUPPORT DE BOITIER LGA PERMETTANT UNE DISTRIBUTION D'ENERGIE AMELIOREE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) SEARLS, Damion; 6355 NE Brighton Street, Hillsboro, OR 97124 (US). RUTAN, Thomas; 3761 SW Olson Court, Lake Oswego, OR 97034 (US). MANIK, Jiteender; 2571 East Augusta Avenue, Chandler, AZ 85249 (US).

(74) MALLIE, Michael, J. et al. / etc.; BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)<sup>7</sup> H05K 13/02

(11) WO 2004/095902 (13) A1

(21) PCT/JP2004/005690

- (22) 21 Apr/avr 2004 (21.04.2004)  
(25) ja (26) ja  
(30) 2003-118920 23 Apr/avr 2003 JP  
(23.04.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • PARTS MANAGEMENT DEVICE  
• DISPOSITIF DE GESTION DE PIECES  
(71) YAMAHA MOTOR CO. LTD. [JP/JP];  
2500, Shingai, Iwata-shi, Shizuoka 4388501  
(JP).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) HANAMURA, Naoki [JP/JP]; c/o  
YAMAHA MOTOR CO., LTD., 2500, Shin-  
gai, Iwata-shi, Shizuoka 4388501 (JP).  
(74) KOTANI, Etsuji et al. / etc.; Nichimen  
Building 2nd Floor, 2-2, Nakanoshima  
2-chome, Kita-ku, Osaka-shi, Osaka 5300005  
(JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> H05K 13/04  
(11) WO 2004/095903 (13) A1  
(21) PCT/JP2004/005194  
(22) 12 Apr/avr 2004 (12.04.2004)  
(25) ja (26) ja  
(30) 2003-116868 22 Apr/avr 2003 JP  
(22.04.2003)
- (30) 2003-303065 27 Aug/août 2003 JP  
(27.08.2003)  
(43) 4 Nov/nov 2004 (04.11.2004)  
(54) • DEVICE AND METHOD FOR MOUNT-  
ING PART  
• DISPOSITIF ET PROCEDE DE MON-  
TAGE DE COMPOSANT  
(71) MATSUSHITA ELECTRIC INDUS-  
TRIAL CO., LTD. [JP/JP]; 1006 Oaza  
Kadoma, Kadoma-shi, Osaka 5718501 (JP).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72, 75) IMAFUKU, ShigekiKAWASE,  
TakeyukiTANAKA, YouichiOKUDA,  
OsamuYOSHITAKE, TakanoriKINO,  
Toshiyuki  
(74) OGURI, Shohei et al. / etc.; Eikoh Patent  
Office 13th Floor, ARK Mori Building,  
12-32 Akasaka 1-chome Minato-ku, Tokyo  
1076013 (JP).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS KE KG KP KR KZ  
LC LK LR LS LT LU LV MA MD MG MK  
MN MW MX MZ NA NI NO NZ OM PG PH  
PL PT RO RU SC SD SE SG SK SL SY TJ  
TM TN TR TT TZ UA UG US UZ VC VN  
YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).
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- (51)<sup>7</sup> H05K 13/08  
(11) WO 2004/095904 (13) A1  
(21) PCT/US2004/007632  
(22) 12 Mar/mar 2004 (12.03.2004)  
(25) en (26) en  
(30) 10/405,884 1 Apr/avr 2003 US  
(01.04.2003)
- (43) 4 Nov/nov 2004 (04.11.2004)  
(54) • BOARD DEFLECTION METROLOGY  
USING PHOTOELECTRIC AMPLI-  
FIERS  
• MESURE DU FLECHISSEMENT  
DES CARTES AU MOYEN  
D'AMPLIFICATEURS PHOTOELEC-  
TRIQUES  
(71) INTEL CORPORATION [US/US]; 2200  
Mission College Boulevard, Santa Clara, CA  
95052 (US).  
(for all designated States except / pour tous  
les États désignés sauf US)  
(72) McALLISTER, Alan; 1145 NE Horizon  
Loop, #1706, Hillsboro, OR 97124 (US).  
HEZELTINE, Alton; 1531 Jacquelin Av-  
enue, Hillsboro, OR 97123 (US).  
(74) MALLIE, Michael, J., et al. / etc.; Blakely,  
Sokoloff, Taylor & Zafman, 12400 Wilshire  
Boulevard, 7th Floor, Los Angeles, CA 90025  
(US).  
(81) AE AG AL AM AT AU AZ BA BB BG BR  
BW BY BZ CA CH CN CO CR CU CZ DE  
DK DM DZ EC EE EG ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR  
KZ LC LK LR LS LT LU LV MA MD MG  
MK MN MW MX MZ NA NI NO NZ OM  
PG PH PL PT RO RU SC SD SE SG SK SL  
SY TJ TM TN TR TT TZ UA UG US UZ VC  
VN YU ZA ZM ZW.  
(84) AP (BW GH GM KE LS MW MZ SD SL SZ  
TZ UG ZM ZW); EA (AM AZ BY KG KZ  
MD RU TJ TM); EP (AT BE BG CH CY CZ  
DE DK EE ES FI FR GB GR HU IE IT LU  
MC NL PL PT RO SE SI SK TR); OA (BF BJ  
CF CG CI CM GA GN GQ GW ML MR NE  
SN TD TG).