

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

(51) Not classified / non classée

(11) WO 2004/086844 (13) A2

(21) PCT/FR2004/000739

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 03 03830 28 Mar/mar 2003 FR
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTILAYER SUBSTRATE IM-
PLANTED WITH A LOW DOSE• SUBSTRAT MULTICOUCHES IM-
PLANTE A FAIBLE DOSE(71) ION BEAM SERVICES [FR/FR]; ZI
Peynier-Rousset, Rue Gaston Imbert pro-
longée, F-13790 Peynier (FR).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ROUX, Laurent [FR/FR]; 237, av-
enue de Château-Gombert, Les Informelles,
F-13013 Marseille (FR). VIDAL, Bernard
[FR/FR]; L'Enclos, 17, chemin Départe-
mental 18, F-13510 Eguilles (FR). PER-
ROCHEAU, Jacques [FR/FR]; Quartier
Grisolle, Chemin Cabassude, F-13530 Trets
(FR). FAIK, Hasnaa [FR/FR]; 7, rue Saint
Vincent de Paul, F-13004 Marseille (FR).(74) RENOUD-GOUD CONSEIL; 5, rue de
Montigny, F-13100 Aix-En-Provence (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) Not classified / non classée

(11) WO 2004/086845 (13) A2

(21) PCT/US2004/008939

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/402,631 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLIP-CHIP ASSEMBLY WITH THIN
UNDERFILL AND THICK SOLDER
MASK• ENSEMBLE DE PUCE A PROTUBE-
RANCES AVEC GARNISSAGE IN-
FERIEUR MINCE ET MASQUE DE
SOUDURE EPAIS(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) QI, Jing [CN/US]; 1265 Thorndale
Lane, Lake Zurich, IL 60047 (US). DAN-
VIR, Janice, M. [US/US]; 1317 North
Harvard Road, Arlington Heights, IL 60004
(US). KLOSOWIAK, Tomasz, L. [US/US];
308 Greenfield Drive, Glenview, IL 60025
(US). KULKARNI, Prasanna [IN/US]; 200
Austin Lane, Schaumburg, IL 60195 (US).
YALA, Nadia [DZ/US]; 207 Southwick
Lane, Schaumburg, IL 60173 (US).(74) GODDARD, Patricia, S. et al. / etc.; Cor-
porate 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) Not classified / non classée

(11) WO 2004/086846 (13) A2

(21) PCT/US2004/009902

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/457,903 27 Mar/mar 2003 US
(27.03.2003)(30) 10/811,347 26 Mar/mar 2004 US
(26.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR MANUFACTURING
HOLLOW FIBERS• PROCEDE DE FABRICATION DE
FIBRES CREUSES(71) MICROCELL CORPORATION [US/US];
6003 Chapel Hill Road, Suite 153, Raleigh,
NC 27607 (US).(for all designated States except / pour tous
les États désignés sauf US)(72) ESHRAGHI, Ray, R.; 103 Beech Slope
Way, Cary, NC 27511 (US). KETTERER,
Martin, E.; 528 Kelly Ridge Drive, Apex,
NC 27502 (US). CARRUTHERS, Seth, B.;
2503 Cravenridge Place, Garner, NC 27529
(US). YARBROUGH, Erik, K.; 106 Bell
Tower Way, Morrisville, NC 27560 (US).(74) HULTQUIST, Steven, J. et al. / etc.; Intel-
lectual Property Technology Law, P.O. Box
14329, Research Triangle Park, NC 27709
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A01B 45/00

(11) WO 2004/086847 (13) A1

(21) PCT/FR2004/000478

(22) 27 Feb/fév 2004 (27.02.2004)

(25) fr (26) fr

(30) 03/03587 24 Mar/mar 2003 FR
(24.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR FILLING CARROTING
HOLES IN A LAWN• DISPOSITIF POUR LE REMPLISSAGE
DES TROUS DE CAROTTAGE D'UNE
PELOUSE(71, 72) CUADRADO, Jean-Claude [FR/FR]; 2,
allée des Romarins, F-66180 Villeneuve de la
Raho (FR).(74) BES, Claude; 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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

MC 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)⁷ A01B 49/02

(11) WO 2004/086848 (13) A2

(21) PCT/DE2004/000693

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 203 05.393.1 3 Apr/avr 2003 DE
(03.04.2003)

(30) 20 2004 001 637.0 4 Feb/fév 2004 DE
(04.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SOIL CULTIVATION APPLIANCE, ESPECIALLY A HOE, OPERATED IN AN ELECTROMOTIVE MANNER

• APPAREIL ENTRAÎNÉ PAR MOTEUR ELECTRIQUE ET DESTINÉ AU TRAVAIL DE LA TERRE, EN PARTICULIER BINEUSE

(71, 72) MÜLLER, Karl [DE/DE]; Römer-shagerstr. 13, 97769 Bad Brückenau (DE).

(74) GAGEL, Roland; Landsberger Str. 480a, 81241 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)⁷ A01C 5/06, 7/00

(11) WO 2004/086849 (13) A1

(21) PCT/GB2004/001322

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307343.4 29 Mar/mar 2003 GB
(29.03.2003)

(30) 0327362.0 24 Nov/nov 2003 GB
(24.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED SEED DRILL

• SEMOIR AMELIORE

(71, 72) CLAYDON, Jeffrey, Thomas [GB/GB]; Gaines Hall, Wickhambrook, Newmarket, Suffolk CB8 7YA (GB).

(74) NASH, Keith, Wilfrid; 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).

Published / Publiée : (c)

(51)⁷ A01D 34/00, 34/63, 34/67, 34/82, F16F 7/00

(11) WO 2004/086850 (13) A1

(21) PCT/AU2004/000412

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003910514 31 Mar/mar 2003 AU
(31.03.2003)

(30) 2003904059 1 Aug/août 2003 AU
(01.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ASSEMBLY TO REDUCE THE TRANSMISSION OF VIBRATION TO THE OPERATOR OF A LAWN MOWER

• ENSEMBLE POUR REDUIRE LA TRANSMISSION DES VIBRATIONS A L'OPERATEUR D'UNE TONDEUSE

(71) SUNBEAM CORPORATION LIMITED [AU/AU]; Unit 5 & 6, 13 Lord Street, Botany, NSW 2019 (AU).

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

(72, 75) WILLIAMS, Peter [AU/AU]; 115 Mullens Street, Balmain, NSW 2041 (AU). WINDWOOD, Philip [AU/AU]; 115 Mullens Street, Balmain, NSW 2041 (AU). SEIDEL, David, Paul [AU/AU]; 67 Hansens Road, Minto Heights, NSW 2566 (AU). CROAKER, Peter [AU/AU]; 1 Moorebank Avenue, Moorebank, NSW 2170 (AU). DOYLE, Patrick, Anthony [AU/AU]; 1 Moorebank Street, Moorebank, NSW 2170 (AU). TONITTO, Paul, John [AU/AU]; 1 Moorebank Avenue, Moorebank, NSW 2170 (AU).

(74) SPRUSON & FERGUSON; GPO Box 3898, Sydney, NSW 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)⁷ A01G 9/02, 27/06

(11) WO 2004/086851 (13) A1

(21) PCT/IE2004/000045

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307568.6 2 Apr/avr 2003 GB
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PARTITION SYSTEM

• SYSTEME DE CLOISON

(71, 72) KINSELLA, Leo [IE/IE]; Coola Lodge, Ballinacoola, Glenealy, Co. Wicklow (IE).

(74) WINGFIELD, Anne; Island Patents, Island House, Oulart, Gorey, Co. Wexford (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).

(51)⁷ A01G 9/12

(11) WO 2004/086852 (13) A2

(21) PCT/CA2004/000496

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,640 3 Apr/avr 2003 US
(03.04.2003)

(30) 60/472,788 23 May/mai 2003 US
(23.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PLANT SUPPORT ADAPTED FOR LIFTING AND CARRYING A PLANT CONTAINER

• TUTEUR ADAPTE POUR LEVER ET PORTER UN POT A PLANTES

(71, 72) VOOGT, Eric Evert [CA/CA]; 2527 - 210 Street, RR#14, Langley, British Columbia V2Z 2A9 (CA).

(74) GALE, Edwin J. 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)⁷ A01H

(11) WO 2004/086853 (13) A2

(21) PCT/US2004/010174

(22) 31 Mar/mar 2004 (31.03.2004)

- (25) en (26) en
- (30) 60/459,297 **1 Apr/avr 2003** US
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • GENERATION OF PLANTS WITH IMPROVED PATHOGEN RESISTANCE
• GENERATION DE PLANTES A RESISTANCE PATHOGENE AMELIOREE
- (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) **LAMMERS, Allan** [CA/US]; 1709 S.W. Canby Street, Portland, OR 97219 (US).
BATES, Stanley, R. [US/US]; 10567 Stayton Road SE, Aumsville, OR 97325 (US).
- (74) **BRUNELLE, Jan, P. 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A01K(11) **WO 2004/086854** (13) A2

(21) PCT/DE2004/000660

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

(25) de (26) de

(30) 203 05 040.1 **28 Mar/mar 2003** DE
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TOILET FOR PETS

• TOILETTES POUR ANIMAUX DOMESTIQUES

(71, 72) **WAGNER, Kay** [DE/DE]; Lerchenweg 10, 34590 Wabern. (DE).(74) **VON SCHORLEMER, R., Frhr.**; Karthäuserstr. 5A, 34117 Kassel (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A01K 23/00(11) **WO 2004/086855** (13) A1

(21) PCT/KR2004/000768

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) ko (26) en

(30) 10-2003-0021305 **4 Apr/avr 2003** KR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STOOL FOR PET

• RECEPTACLE POUR EXCREMENTS D'ANIMAUX DE COMPAGNIE

(71, 72) **LEE, Kwang Hun** [KR/KR]; LG Mansion Da dong #203, 609-12, Songnae-dong, Sosa-gu, Boochun-city, Gyunggi-do 422-820 (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)⁷ A01K 29/00(11) **WO 2004/086856** (13) A1

(21) PCT/KR2003/002604

(22) **28 Nov/nov 2003 (28.11.2003)**

(25) ko (26) en

(30) 10-2003-0020435 **1 Apr/avr 2003** KR
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A CARRIER FOR A PET

• CAGE POUR TRANSPORTER LES ANIMAUX DOMESTIQUES

(71, 72) **SONG, Min Young** [KR/KR]; #108-2043 Doosan Apt. 3, 770-37, Gasan-dong, Geumcheon-gu, 153-754 Seoul (KR).

(74) **KANG, Byung Kuk**; Na-dong 3F, Wooyung Bldg., Seocho 3-dong 1557-7 Seocho-gu, Seoul 137-837 (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 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).

(51)⁷ A01K 61/02(11) **WO 2004/086857** (13) A1

(21) PCT/NO2004/000095

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 20031504 **2 Apr/avr 2003** NO
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR DISTRIBUTING FISH FEED

• DISPOSITIF PERMETTANT DE DISTRIBUER DE LA NOURRITURE POUR POISSONS

(71, 72) **HAUG, Rune** [NO/NO]; N-7900 Rörvik (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).

Published / Publiée : (c)

(51)⁷ A01K 67/027, G01N 33/50, 1/28, 1/30(11) **WO 2004/086858** (13) A1

(21) PCT/JP2004/004654

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-093551 **31 Mar/mar 2003** JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MODEL ANIMAL OF NORMAL-PRESSURE GLAUCOMA

• MODELE ANIMAL DU GLAUCOME A PRESSION NORMALE

(71) **SANTEN PHARMACEUTICAL CO., LTD.** [JP/JP]; 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 5338651 (JP).

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

(72, 75) **KASHIWAGI, Kenji** [JP/JP]; 5-10-14, Joto, Kofu-shi, Yamanashi 4000861 (JP).

(74) **HIBI, Norihiko et al.** / etc.; c/o Kishimoto & Co., 3rd Floor, Inaba Building, 13-18, Nishishinsaibashi 1-chome, Chuo-ku, Osaka-shi, Osaka 5420086 (JP).

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

- KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01K 93/00**
- (11) **WO 2004/086859** (13) A1
- (21) PCT/SE2004/000463
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) sv (26) en
- (30) 0300980-0 **4 Apr/avr 2003 (04.04.2003)** SE
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • FLOAT WITH ADJUSTABLE BUOYANCY
• FLOTTEUR
- (71, 72) KUMLIN, Krister [SE/SE]; Källbyn - Solbacken, S-662 96 Svanskog (SE).
- (74) **L-O LUNDQUIST PATENTBYRÅ AB**; Box 80, S-651 03 Karlstad (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)⁷ **A01M 1/00, 17/00, A01G 7/00, A01B 79/00**
- (11) **WO 2004/086860** (13) A1
- (21) PCT/JP2003/011953
- (22) **19 Sep/sep 2003 (19.09.2003)**
- (25) ja (26) ja
- (30) 2003-92909 **28 Mar/mar 2003 (28.03.2003)** JP
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SOIL PROCESSING METHOD
• PROCEDE DE TRAITEMENT DES SOLS
- (71) **CELLTEC PROJECT MANAGEMENT CO., LTD.** [JP/JP]; 17-22, Higashi-Nakano 2-chome, Nakano-ku, Tokyo 164-0003 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TANIWAKI, Ken** [JP/JP]; 1043-5, Uenomuro, Tsukuba-shi, Ibaraki 305-0023 (JP). **KOBAYASHI, Yuichi** [JP/JP]; 5-303-512, Takezono 3-chome, Tsukuba-shi, Ibaraki 305-0032 (JP). **IJIMA, Wataru** [JP/JP]; 13-21, Kasuga 4-chome, Tsukuba-shi, Ibaraki

- 305-0821 (JP). **YAMASHITA, Masateru** [JP/JP]; Heights Kubota 203, 3-9, Shukugawara 6-chome, Tama-ku, Kawasaki-shi, Kanagawa 214-0021 (JP). **ODANI, Hajime** [JP/JP]; 17-22, Higashi-Nakano 2-chome, Nakano-ku, Tokyo 164-0003 (JP).
- (74) **IIZUKA, Shin-ichi**; IIZUKA INTERNATIONAL PATENT OFFICE, 4TH FLOOR, KEIODO GYOEN BLDG., 11-13, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (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 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)⁷ **A01N**
- (11) **WO 2004/086861** (13) A2
- (21) PCT/US2004/008977
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 10/400,712 **27 Mar/mar 2003 (27.03.2003)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • FUNGICIDAL PROPERTIES OF SAMPANGINE AND ITS ANALOGS TO AGRICULTURALLY IMPORTANT FUNGAL PLANT PATHOGENS
• PROPRIETES FONGICIDES DE LA SAMPANGINE ET DE SES ANALOGUES, SUR DES AGENTS PATHOGENES FONGIQUES DE VEGETAUX IMPORTANTS D'UN POINT DE VUE AGRICOLE
- (71) **THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE** [US/US]; 1400 Independence Avenue, S.W., Washington, DC 20250-0302 (US). **THE UNIVERSITY OF MISSISSIPPI** [US/US]; Thad Cochran Research Center, University, MS 38677 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WEDGE, David, E.** [US/US]; 801 Maplewood Drive, Oxford, MS 38655 (US). **NAGLE, Dale, G.** [US/US]; 601 Woodland Hills Drive, Oxford, MS 38655 (US).
- (74) **PENDORE, Stephan, A.** et al. / etc.; Pendorf & Cutliff, 5111 Memorial Highway, Tampa, FL 33634 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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).
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations
-
- (51)⁷ **A01N**
- (11) **WO 2004/086862** (13) A2
- (21) PCT/US2004/009892
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) en (26) en
- (30) 60/458,682 **28 Mar/mar 2003 (28.03.2003)** US
- (30) Not furnished / 24 Mar/mar 2004 US
non communiqué (24.03.2004)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SOLID PEST CONTROL SYSTEM
• SYSTEME DE LUTTE CONTRE LES PARASITES A L'ETAT SOLIDE
- (71) **SERGEANT'S PET CARE PRODUCTS** [US/US]; 2637 South 158th Plaza, Suite 100, Omaha, Nebraska 68130-1703 (US).
- (74) **AMJAD, Holly M.** et al. / etc.; 700 W. 47TH Street, Suite 1000, Kansas City, MI 64112 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A01N 1/02**
- (11) **WO 2004/086863** (13) A1
- (21) PCT/DE2004/000621
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) de (26) de
- (30) 103 14 083.2 **28 Mar/mar 2003 (28.03.2003)** DE
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PRODUCT FOR PROTECTING BLOOD VESSEL SEGMENTS
• PRODUIT DE PROTECTION DE SEGMENTS DE VAISSEAUX SANGUINS
- (71) **MCS MICRO CARRIER SYSTEMS GMBH** [DE/DE]; Stresemannallee 6, 41460 Neuss (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GREB, Wolfgang** [DE/DE]; Am Fronberg 11, 40489 Düsseldorf (DE). **BAUMANN, Matthias, E., J.** [DE/DE];

Friedrich-Ebert-Strasse 7, 40210 Düsseldorf (DE). **SCHREIER, Hans** [DE/DE]; Meertal 19, 41464 Neuss (DE).

(74) **CHRISTOPHERSEN & PARTNER**; Feldstrasse 73, 40479 Düsseldorf (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)⁷ A01N 3/02

(11) WO 2004/086864 (13) A1

(21) PCT/IB2004/000998

(22) 1 Apr/avr 2004 (01.04.2004)

(25) es (26) es

(30) 03027746 2 Apr/avr 2003 CO (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRESERVING NATURAL FLOWERS

• PROCEDE DE CONSERVATION DE FLEURS NATURELLES

(71) C.I. GUIRNALDAS S.A. [CO/CO]; C.I. GUIRNALDAS S.A., Carrera 43 No. 13-71, Bogotá, 5 (CO).

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

(72, 75) SILVA, Gloria [CO/CO]; C.I. GUIRNALDAS S.A., Carrera 43 No. 13-71, Bogotá, 5 (CO).

(74) CORREA-ORDOÑEZ, Alvaro; BAKER & McKENZIE, Avenida 82 No. 10-62, Piso 6, Bogotá, 8 (CO).

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

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

PT 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

(51)⁷ A01N 43/00, 43/82, 43/50, 43/36, 41/06, A61K 31/551, 31/553, 31/554, 31/497, 31/4965

(11) WO 2004/086865 (13) A1

(21) PCT/US2004/009408

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,702 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOUNDS, COMPOSITIONS AND METHODS

• COMPOSES, COMPOSITIONS ET METHODES

(71) CYTOKINETICS, INC. [US/US]; 280 East Grand Avenue, South San Francisco, CA 94080 (US).

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

(72, 75) MORGAN, Bradley, Paul [US/US]; 1206 Rimer Drive, Moraga, CA 94556 (US). MALIK, Fady [US/US]; 2884 Hillside Drive, Burlingame, CA 94010 (US). KRAY-NACK, Erica, Anne [US/US]; 2 Ridgewood Court, Belmont, CA 94002 (US). MUCI, Alexander, Ramon [US/US]; 2025 Stockton Street, Apartment #3, San Francisco, CA 94133 (US). QIAN, Xiangping [CA/US]; 114 Mira Street, Foster City, CA 94404 (US). MORGANS, David, J., Jr. [US/US]; 781 Vista Grande Avenue, Los Altos, CA 94024 (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)⁷ A01N 53/00, 25/34, 25/00, A01M 1/02, 1/20, 1/16, 1/10, 5/06 // (A01N 53/00, 25/00, 31/02, 31/06, 31/14, 35/02, 37/02, 37/06)

(11) WO 2004/086866 (13) A1

(21) PCT/GB2004/001289

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0307322.8 29 Mar/mar 2003 GB (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INSECT CONTROL SYSTEM

• SYSTEME DE CONTROLE DES INSECTES

(71) AGRISENSE-BCS LIMITED [GB/GB]; Treforest Industrial Estate, Pontypridd, Mid Glamorgan CF37 5SU (GB).

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

(72, 75) CASAGRANDE, Enzo, Domenico [GB/GB]; 17 Flora Street, Cathays, Cardiff CF24 4EP (GB).

(74) CAWDELL, Karen, Teresa; Urquhart-Dykes & Lord LLP, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA-GB (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)⁷ A01N 59/00, 25/34, 25/04, 25/00, B05D 5/08, B08B 17/06, C09D 7/12, 5/00

(11) WO 2004/086867 (13) A1

(21) PCT/EP2004/050099

(22) 9 Feb/fév 2004 (09.02.2004)

(25) de (26) de

(30) 103 15 128.1 3 Apr/avr 2003 DE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PREVENTING MOLD FORMATION BY USING HYDROPHOBIC MATERIALS, AND MOLD-CONTROLLING AGENT FOR BUILDING PARTS

• PROCEDE PERMETTANT D'EMPECHER LA FORMATION DE MOISSISSURES AU MOYEN DE SUBSTANCES HYDROPHOBES, ET AGENT ANTI-MOISSISSURES POUR PARTIES DE BATIMENT

(71) CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION

MBH [DE/DE]; Paul-Baumann-Strasse 1, 45772 Marl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NUN, Edwin [DE/DE]; Hahnenkamp 1, 48727 Billerbeck (DE). EISENREICH, Andreas [DE/DE]; Boschstrasse 12, 86343 Königsbrunn (DE).

(74) CREAVIS GESELLSCHAFT FÜR TECHNOLOGIE UND INNOVATION MBH; Intellectual Property Management, Patente - Marken Bau 1042 / PB 15, Paul-Baumann-Strasse 1, 45772 Marl (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).

Published / Publiée : (c)

(51)⁷ A01N 63/02, C12N 15/82

(11) WO 2004/086868 (13) A1

(21) PCT/GB2004/000901

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 0307871.4 4 Apr/avr 2003 GB (04.04.2003)

(30) 0319372.9 18 Aug/août 2003 GB (18.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED METHOD OF RESISTANCE MANAGEMENT FOR TRANSGENIC CROPS

• PROCÉDE AMÉLIORE DE GESTION DE LA RESISTANCE DE PLANTES CULTIVÉES TRANSGÉNIQUES

(71) SYNGENTA LIMITED [GB/GB]; European Regional Centre, Priestley Road, Surrey Research Park, Guildford, Surrey GU2 7YH (GB).

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

(72, 75) CLOUGH, Martin, Stephen [GB/GB]; Syngenta Limited, Jealott's Hill International Research Centre, Bracknell, Berks RG42 6EY (GB). McCAFFERY, Alan, Roy [GB/GB]; Syngenta Limited, Jealott's Hill International Research Centre, Bracknell, Berks RG42 6EY (GB).

(74) GAAL, Jozsef, Christopher et al. / etc.; Intellectual Property Department, Syngenta Limited, Jealott's Hill International Research Centre, P.O. Box 3538, Bracknell, Berks RG42 6YA (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)⁷ A21D

(11) WO 2004/086869 (13) A2

(21) PCT/US2004/008984

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/458,676 27 Mar/mar 2003 US (27.03.2003)

(30) 10/807,045 22 Mar/mar 2004 US (22.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRIC FOOD WARMING SYSTEM AND METHOD

• SYSTEME ELECTRIQUE POUR CHAUFFER DES ALIMENTS ET PROCÉDE CORRESPONDANT

(71) IJN INTERNATIONAL, INC. [US/US]; 7701 Whispering Winds Drive, Austin, TX 78715-1973 (US).

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

(72, 75) NARANJO, Ivan, J. [US/US]; 7701 Whispering Winds Drive, Austin, TX 78715-1973 (US). OJEDA, Pedro, M. [US/US]; 17603 Fort Leaton, Drive, Round Rock, TX 78664 (US).

(74) KREBS, Robert, E. 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)⁷ A21D 2/22, 2/18, 10/00, 2/16, 13/02

(11) WO 2004/086870 (13) A1

(21) PCT/IN2003/000128

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVER PREMIX FOR CHAPATIS COMPRISING ASCORBIC ACID, SODIUM STEAROYL LACTYLATE AND GUAR GUM

• PRE-MELANGE AMÉLIORANT POUR GALETTES «CHAPATIS» COMPRENANT DE L'ACIDE ASCORBIQUE, DU

LACTATE DE STEAROYLE DE SODIUM ET DE LA GOMME DE GUAR

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).

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

(72, 75) MANOHAR, Ragu, Sai [IN/IN]; Central Food Technological Research Institute, Mysore, 570 013 Karnataka (IN). RAO, Gandham, Venkateswara [IN/IN]; Central Food Technological Research Institute, Mysore, 570 013 Karnataka (IN).

(74) BHOLA, Ravi; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS, 110 062 NEW DELHI (IN).

(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).

Published / Publiée : (b)

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)⁷ A22C 13/00

(11) WO 2004/086871 (13) A1

(21) PCT/EP2004/003292

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 14 699.7 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TEXTILE SKIN IMPREGNATED WITH FOOD ADDITIVE

• BOYAU TEXTILE IMPREGNE D'UN ADDITIF ALIMENTAIRE

(71) KALLE GMBH & CO.KG [DE/DE]; Rheingastrasse 190-196, 65203 Wiesbaden (DE).

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

(72, 75) AUF DER HEIDE, Christian [DE/DE]; Bühlwiese 3, 49080 Osnabrück (DE). AUF DER HEIDE, Dirk [DE/DE]; Flötteweg 5, 49594 Alfhausen (DE). KASTL, Erna [DE/DE]; Dorfweg 9, 65510 Hünstetten

- (DE). KÖNIG, Martina [DE/DE]; Winzerstrasse 3, 65207 Wiesbaden (DE).
- (74) PLATE, Jürgen et al. / etc.; Patentanwalt-skanzlei Zounnek, Industriepark Kalle-Albert, Rheingaustrasse 196, 65203 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).
-
- (51)⁷ A23B 7/154, 7/157, 7/148, A23L 3/3418, 3/3508, 3/358
- (11) WO 2004/086872 (13) A1
- (21) PCT/CA2004/000483
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 2,424,200 31 Mar/mar 2003 CA (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • COMPOSITIONS AND METHODS FOR PRESERVING CUT APPLES
• COMPOSITIONS ET PROCEDES POUR CONSERVER DES POMMES COUPEES
- (71) FRESHXTEND TECHNOLOGIES CORP. [CA/CA]; 104-334 East Keant Avenue South, Vancouver, British Columbia V5X 4N6 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIDSTER, Perry, D. [CA/CA]; 42326 Elizabeth Avenue, Yarrow, British Columbia V2R 5C9 (CA). POWRIE, William, Duncan [CA/CA]; 505 Ventura Crescent, North Vancouver, British Columbia V7N 3G8 (CA). O'DONOVAN, Miriam [CA/CA]; 766 William Avenue, North Vancouver, British Columbia V7K 1Z5 (CA). LEUNG, Cheong, Kit [CA/CA]; 1371 East 61st Avenue, Vancouver, British Columbia V5X 2C8 (CA).
- (74) OYEN, Gerald, O., S. et al. / etc.; Oyen Wiggs Green & Mutala, #480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (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 : (c)

- (51)⁷ A23F 5/00
- (11) WO 2004/086873 (13) A1
- (21) PCT/KR2004/000713
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) ko (26) en
- (30) 10-2003-0020355 1 Apr/avr 2003 KR (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • A GREEN TEA COFFEE CONSISTING OF GREEN TEA EXTRACT AND COFFEE EXTRACT
• CAFE AU THE VERT CONTENANT DES EXTRAITS DE THE VERT ET DE CAFE
- (71) HYUNDEOK BIO & TECHNOLOGY CO., LTD. [KR/KR]; 6th Floor, Sin-An Building, 89-8, Munjeong-dong, Songpa-gu, Seoul 138-200 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Byoung-Rae [KR/KR]; 120-503, Line Apartment, 538, Unlim-dong, Dong-ku, Gwangju 501-833 (KR).
- (74) DARA E PATENT FIRM; 10th Floor, KIPS, 647-9, Yeoksam-dong, Kangnam-ku, Seoul 135-980 (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)⁷ A23G 3/00
- (11) WO 2004/086874 (13) A1
- (21) PCT/US2004/009402
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 60/457,954 26 Mar/mar 2003 US (26.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CONFECTIONERY WITH FAST FLAVOR RELEASE JACKET COATING
• CONFISERIE COMPORTANT UN ENROBAGE A LIBERATION D'AROME RAPIDE
- (71) WM. WRIGLEY JR. COMPANY [US/US]; Legal Department, 410 N. Michigan Avenue, Chicago, IL 60611 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STAWSKI, Barbara [US/US]; 501 Marengo Avenue, Forest Park, IL 60130 (US). BERNICKY, Marc [US/US]; 892 Hawthorn Circle, Plainfield, IL 60544 (US).

(74) CHANDER, Jagriti; Wm. Wrigley Jr. Company, 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).

Published / Publiée : (c)

- (51)⁷ A23G 9/22, 9/26, 3/02, B65B 3/02, B65D 85/78
- (11) WO 2004/086875 (13) A1
- (21) PCT/EP2004/003410
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) MO2003A000093 4 Apr/avr 2003 IT (04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND APPARATUS FOR PACKAGING AND PACKAGING UNIT
• PROCEDE ET APPAREIL D'EMBALLAGE ET UNITE D'EMBALLAGE
- (71) SARONG SOCIETA' PER AZIONI [IT/IT]; Via Colombo, 18, I-42046 Reggio Emilia (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARTOLI, Andrea [IT/IT]; Via Victor Hugo, 23, I-42100 Reggio Emilia (IT). FINETTI, Primo [IT/IT]; Via Malavicina, 13, I-41037 Mirandola (IT).
- (74) LUPPI, Luigi; Luppi & Associati S.r.l., Via Borromei, 1/A, I-20123 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ A23L

(11) WO 2004/086876 (13) A2

(21) PCT/US2004/008821

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/402,888 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF PRODUCING FOOD
GRADE HYDRATED LIME

• PROCEDE SERVANT A PREPARER
DE LA CHAUX HYDRATEE ALIMEN-
TAIRE

(71) CHEMICAL LIME COMPANY [US/US];
3700 Hulen Street, Fort Worth, TX 76107
(US).

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

(72) HUEGE, Fred, R.; 6403 Emerald Drive,
Colleyville, TX (US).

(only for / seulement pour US)

(74) GUNTER, Charles, D., Jr.; Whitaker,
Chalk, Swindle & Sawyer, LLP, 3500 City
Center Tower II, 301 Commerce Street, Forth
Worth, TX 76102-4186 (US).

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

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

(51)⁷ A23L

(11) WO 2004/086877 (13) A2

(21) PCT/US2004/009179

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/397,945 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR PACK-
AGING OF FRESH PRODUCE INCOR-
PORATING MODIFIED ATMOSPHERE
PACKAGING

• SYSTEME ET PROCEDE DE CONDI-
TIONNEMENT DE PRODUITS FRAIS

COMPRENANT UN CONDITIONNE-
MENT SOUS ATMOSPHERE MODI-
FIEE

(71, 72) MACHADO, Craig [US/US]; 840 Via
Bandelaro, Arroyo Grande, CA 94320 (US).

(74) CASTLE, Kristin, C.; Castle & Gross LLP,
11231 Gold Express Drive, Suite 100, Gold
River, CA 95670 (US).

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

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

(51)⁷ A23L 1/00

(11) WO 2004/086878 (13) A2

(21) PCT/US2004/010355

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,758 2 Apr/avr 2003 US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED DIETARY FIBER CON-
TAINING MATERIALS COMPRISING
LOW MOLECULAR WEIGHT GLU-
CAN

• FIBRE DIETETIQUE AMELIOREE
CONTENANT DES MATIERES COM-
PRENANT DU GLUCANE DE FAIBLE
POIDS MOLECULAIRE

(71) CARGILL, INCORPORATED [US/US];
LAW 24, 15407 McGinty Road West,
Wayzata, MN 55391 (US).

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les États désignés sauf US)

(72, 75) ZHENG, Guo-Hua [CA/US]; 6653
Crossbrook Drive, Centerville, OH 45459
(US). HESS, Richard [US/US]; 15710 Rock-
ford Road #321, Plymouth, MN 55446 (US).

KHARE, Anil [US/US]; 5222 Unity Court
North, Crystal, MN 55429 (US). HILBERT,
Brent [US/US]; 6505 Hidden Lane, South
Haven, MN 55382 (US). DEGUISE, Matt
[US/US]; 412 Wayzata Blvd. #103, Wayzata,
MN 55391 (US).

(74) VASSILOVSKI, Edna et al. / etc.; Cargill,
Incorporated, 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)⁷ A23L 1/0524, A23J 1/00, C08L 89/00,
A23C 1/16, 9/00

(11) WO 2004/086879 (13) A1

(21) PCT/IB2004/001067

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0300949-5 1 Apr/avr 2003 SE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROTEIN POWDER COMPOSITION

• COMPOSITION PULVERULENTE
PROTEIQUE

(71) DANISCO A/S [DK/DK]; P.O. Box 17,
DK-1001 Copenhagen (DK).

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

(72, 75) CROFSKEY, Glen [NZ/NZ]; 6 Bledis-
loe Street, Auckland, Papatoetoe (NZ).
LARSEN, Gorm [DK/AU]; 10 The Bat-
tlement, Castlecrag, NSW 2068 (AU).
OLSEN, Soren [DK/DK]; Strandmarksvej
22, DK-8300 Odder (DK).

(74) ALBIHNS MALMÖ AB; P.O. Box 4289,
Studentgatan 4, S-203 14 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A23L 1/237, 1/238, 1/202, 1/30, 1/305

(11) WO 2004/086880 (13) A1

(21) PCT/JP2004/003421

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-089773 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SODIUM CHLORIDE-CONTAINING
FOODS AND DRINKS

• ALIMENTS ET BOISSONS CONTE-
NANT DU CHLORURE DE SODIUM

(71) KIKKOMAN CORPORATION [JP/JP];
250, Noda Noda-shi, Chiba, 2788601 (JP).

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

(72, 75) YAMAKOSHI, Jun [JP/JP]; c/o Kikko-
man Corporation 250, Noda Noda-shi Chiba,
2788601 (JP). OGAWA, Yoshihiro [JP/JP];
c/o Kikkoman Corporation 250, Noda

- Noda-shi Chiba, 2788601 (JP). **OBATA, Akio** [JP/JP]; c/o Kikkoman Corporation 250, Noda Noda-shi Chiba, 2788601 (JP). **FUJII, Norikazu** [JP/JP]; c/o Kikkoman Corporation 250, Noda Noda-shi Chiba, 2788601 (JP). **SAITO, Makoto** [JP/JP]; c/o Kikkoman Corporation 250, Noda Noda-shi Chiba, 2788601 (JP). **MATSUMOTO, Kohsuke** [JP/JP]; c/o Kikkoman Corporation 250, Noda Noda-shi Chiba, 2788601 (JP).
- (74) **HIRAKI, Yusuke et al.** / etc.; Toranomon No. 5 Mori Building, Third Floor, 17-1, Toranomon 1-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A23L 1/30, 1/29, 1/10, A61P 3/10**
- (11) **WO 2004/086881** (13) A1
- (21) PCT/IN2003/000123
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • A PROCESS FOR PREPARATION OF HYPOGLYCEMIC FOODS AND FORMULATIONS THEREOF
- PROCEDE DE PREPARATION D'ALIMENTS POUR L'HYPOGLYCEMIE ET LEURS FORMULATIONS
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MALLESHI, Nagappa, Gurusiddappa** [IN/IN]; Central Food and Technological Research Institute, Mysore, Karnataka 570 013 (IN). **SINGH, Ushakumari, Rambahadur** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN). **ALI, Syee, Zakiuddin** [IN/IN]; Central Food Technological Research Institute, Mysore, Karnataka 570 013 (IN).
- (74) **BHOLA, Ravi; Kumaran & Sagar**, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A23L 1/304, C01F 11/18**
- (11) **WO 2004/086883** (13) A1
- (21) PCT/JP2004/004390
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) ja (26) ja
- (30) 2003-090392 **28 Mar/mar 2003 (28.03.2003)** JP
-
- RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)
-
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DOLOMITE FOOD ADDITIVE COMPOSITION AND FOOD COMPOSITION CONTAINING THE SAME
- COMPOSITION D'ADDITIF ALIMENTAIRE DOLOMITIQUE ET COMPOSITION ALIMENTAIRE CONTENANT CELUI-CI
- (71) **MARUO CALCIUM COMPANY LIMITED** [JP/JP]; 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KUBOTA, Naoki** [JP/JP]; c/o Maruo Calcium Company Limited, 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). **AOYAMA, Mitsunobu** [JP/JP]; c/o Maruo Calcium Company Limited, 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). **HOJO, Hisakazu** [JP/JP]; c/o Maruo Calcium Company Limited, 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). **KASAHARA, Hidemitsu** [JP/JP]; c/o Maruo Calcium Company Limited, 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). **MORISAKI, Yoshimasa** [JP/JP]; c/o Maruo Calcium Company Limited, 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP). **YOSHINO, Hidetake** [JP/JP]; c/o Maruo Calcium Company Limited, 1455, Nishioka, Uozumi-cho, Akashi-shi, Hyogo 674-0084 (JP).
- (74) **ITAMI, Kenji; Daisan Bldg.**, 2-4, Nishitenma 3-chome, 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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A23L 1/31**
- (11) **WO 2004/086884** (13) A1
- (21) PCT/JP2004/003395
- (22) **15 Mar/mar 2004 (15.03.2004)**
- (25) ja (26) ja
- (30) 2003-091606 **28 Mar/mar 2003 (28.03.2003)** JP
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MODIFIER FOR MEAT, PROCESS FOR PRODUCING MEAT PRODUCT, AND MEAT PRODUCT
- MODIFICATEUR POUR VIANDE, PROCEDE DE PRODUCTION D'UN PRODUIT CARNE ET PRODUIT CARNE
- (71) **UNO SHOYU CO., LTD.** [JP/JP]; 280-2, Oaza Godo, Godocho, Ampachi-gun, Gifu 503-2305 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) UNO, Minoru [JP/JP]UNO, Hisashi [JP/JP]UNO, Tsutomu [JP/JP]UNO, Tadashi [JP/JP]SHIMIZU, Shigenori [JP/JP]

(74) SUZUYE, Takehiko et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, 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).

(51)⁷ A23L 2/60, 1/236, 1/00, A61K 9/20

(11) WO 2004/086885 (13) A1

(21) PCT/US2004/009489

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/403,918 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HIGH INTENSITY SWEETNER COMPOSITION AND DELIVERY OF SAME
• COMPOSITION EDULCORANTE HAUTE INTENSITE ET SA DISTRIBUTION

(71) MCNEIL- PPC, INC. [US/US]; 199 Grandview Rd., Skillman, NJ 08558 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CATANI, Stephen [US/US]; 265 Red Oak Trail, Athens, GA 30606 (US). LUCAS, Anne-Lise [US/US]; 44 Moore Street, Princeton, NJ 08542 (US).

(74) JOHNSON, Phillip, S. et al. / etc.; Johnson & Johnson, 1 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).

Published / Publiée : (c)

(51)⁷ A23P 1/08, A23L 1/00, B65D 81/32

(11) WO 2004/086886 (13) A1

(21) PCT/DK2004/000224

(22) 1 Apr/avr 2004 (01.04.2004)

(25) da (26) en

(30) PA 2003 00501 1 Apr/avr 2003 DK (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • An object with a roll and filling which prior to preparation is stored in separate packaging

• ARTICLE CONSTITUE D'UN PAIN ET D'UN FOURRAGE STOCKE DANS UN EMBALLAGE SEPARÉ AVANT PRÉPARATION

(71, 72) DRAGSTED, Jacob [DK/DK]; Heje Skodsborg 6, st. tv, Skodsborg 2942 (DK).

(74) HOLME PATENT A/S; Vesterbrogade 20, Copenhagen V 1620 (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 : (a)

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 all designations / pour toutes les désignations

(51)⁷ A24C 5/40

(11) WO 2004/086887 (13) A1

(21) PCT/IL2003/000285

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR PERFORMING HAND ROLLING OF A CIGARETTE

• DISPOSITIF PERMETTANT DE ROULER UNE CIGARETTE A LA MAIN

(71, 72) AISH, Gay [IL/IL]; D.N. Harei Yehuda, 90935 Beit Horon (IL). SHMAYA, Daniel [IL/IL]; 69/11 Shabtai Hanegbi st., Giloh, 93825 Jerusalem (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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)⁷ A24D 3/06

(11) WO 2004/086888 (13) A2

(21) PCT/IB2004/001368

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/404,441 2 Apr/avr 2003 US (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FILTERS INCLUDING SEGMENTED MONOLITHIC SORBENT FOR GAS-PHASE FILTRATION

• FILTRE RENFERMANT UN SORBANT MONOLITHIQUE SEGMENTÉ PERMETTANT LA FILTRATION EN PHASE GAZEUSE

(71) PHILIP MORRIS PRODUCTS S.A. [CH/CH]; Quai Jeanrenaud 3, CH-2000 Neuchâtel (CH).

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

(72) ZHUANG, Shuzhong; 7601-B Belasco Drive, Richmond, VA 23225 (US). FOURNIER, Jay, A.; 11771 Wexwood Drive, Richmond, VA 23236 (US). PAINE, John, B. III; 13630 Trilithon Road, Midlothian, VA 23113 (US). SHERWOOD, Timothy, S.; 11506 Courthouse Acres Drive, Midlothian, VA 23214 (US). KOLLER, Kent, B.; 8401 Kintail Drive, Chesterfield, VA 23838 (US). LUAN, Zhaohua; 6011 Sedgefield Terrace, Midlothian, VA 23112 (US). THOMAS, Charles, E., Jr.; 13208 Forest Light Court, Richmond, VA 23233 (US).

(74) MARLOW, N., S.; Reddie & Grose, 16 Theobalds Road, London WC1X 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).
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- (51)⁷ **A41B 9/00, 17/00, D04B 1/24, 9/06**
 (11) **WO 2004/086889** (13) A1
 (21) PCT/JP2004/002509
 (22) **1 Mar/mar 2004 (01.03.2004)**
 (25) ja (26) ja
 (30) 2003-092341 **28 Mar/mar 2003 JP (28.03.2003)**
 (43) 14 Oct/oct 2004 (14.10.2004)
 (54) • INNER WEAR, HIGH GAUGE CIRCULAR KNITTING MACHINE, AND KNITTING METHOD USING HIGH GAUGE CIRCULAR KNITTING MACHINE
 • SOUS-VETEMENT, MACHINE A TRICOTER DE JAUGE ELEVEE A AIGUILLE CIRCULAIRE ET PROCEDE DE TRICOTAGE UTILISANT CETTE MACHINE
 (71) **GUNZE LIMITED [JP/JP];** 1, Zeze, Aonocho, Ayabe-shi, Kyoto, 6238511 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **YAMAHARA, Seiji [JP/JP];** C/O Apparel Divisions Group, Gunze Limited, 262, So, Miyazu-shi, Kyoto, 6260043 (JP). **YAMAZAKI, Takahiro [JP/JP];** C/O Kuse Factory, Gunze Limited, 2138, Kuse, Kuse-cho, Maniwa-gun, Okayama, 7193201 (JP). **MARUOKA, Takashi [JP/JP];** C/O Apparel Divisions Group, Gunze Limited, 262, So, Miyazu-shi, Kyoto, 6260043 (JP). **MATSUSHITA, Katsunori [JP/JP];** C/O Yanase Factory, Gunze Limited, 186, Gakuonji, Santo-cho, Asago-gun, Hyogo, 6695152 (JP). **KIMURA, Koji [JP/JP];** C/O Yanase Factory, Gunze Limited, 186, Gakuonji, Santo-cho, Asago-gun, Hyogo, 6695152 (JP).
 (74) **YASUDA, Toshio;** Yasuda & Okamoto, 7 & 6th Floor, Shori Building, 7-19, Takaidahondori 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).
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- (51)⁷ **A41B 11/00**
 (11) **WO 2004/086890** (13) A1
 (21) PCT/KR2003/000655
 (22) **1 Apr/avr 2003 (01.04.2003)**
 (25) ko (26) en
 (43) 14 Oct/oct 2004 (14.10.2004)
 (54) • SOCKS AND FOOTWEARS FOR PREVENTING SOLE FROM SLIPPING
 • CHAUSSETTES ET CHAUSSURES EMPECHANT LE GLISSEMENT DE LA SEMELLE
 (71, 72) **BEAK, Soo-Ho [KR/KR];** Chosung Hich. 902, 1548-15, Dadae-1Dong, Saha-ku, Busan 604-827 (KR).
 (74) **LEE, Joong-Seop;** Lawin Tower 301, 1497-1, Geoje-1dong, Yeonje-gu, Pusan 611-071 (KR).
 (81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MG MK MN MX MZ NO NZ OM PH PL RO SC SG SL TN TR TZ UA US UZ VC 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).
-
- (51)⁷ **A41C**
 (11) **WO 2004/086891** (13) A2
 (21) PCT/US2004/009507
 (22) **26 Mar/mar 2004 (26.03.2004)**
 (25) en (26) en
 (30) 10/406,789 **3 Apr/avr 2003 US (03.04.2003)**
 (43) 14 Oct/oct 2004 (14.10.2004)
 (54) • TUBE BRASSIERE AND METHOD OF MAKING
 • BRASSIERE TUBE ET PROCEDE DE FABRICATION
 (71) **SARA LEE CORPORATION [US/US];** 1000 East Hanes Mill Road, Winston-Salem, NC 27105 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **CANO, Carlos Alberto [MX/MX];** Convento De La Merced, #91, Santa Monica, Tlalnepantla, Estado De Mexico 54050 (MX).
 (74) **RUGGIERO, Charles, N., J.;** Ohlandt, Greeley, Ruggiero & Perle, LLP, 1 Landmark Square, 10th Floor, Stamford, CT 06901-2682 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A43B 7/14**
 (11) **WO 2004/086893** (13) A1
 (21) PCT/AU2004/000440
 (22) **5 Apr/avr 2004 (05.04.2004)**
 (25) en (26) en
 (30) 2003901488 **3 Apr/avr 2003 AU (03.04.2003)**
 (43) 14 Oct/oct 2004 (14.10.2004)
 (54) • A SHOE ORTHOTIC
 • ORTHESE POUR CHAUSSURE
 (71) **INTERPOD PTY LTD [AU/AU];** 2 Beach Avenue, ELWOOD, VIC 3184 (AU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SIMPSON, Graeme, Selwyn [AU/AU];** 44 Princes Street, PORT MELBOURNE, VIC 3207 (AU). **THOMAS, Daniel, William [AU/AU];** 2 Beach Avenue, ELWOOD, VIC 3184 (AU).
 (74) **BLAKE DAWSON WALDRON PATENT SERVICES;** Level 39, 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).
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- (51)⁷ **A43B 13/40, A61F 5/14**
- (11) **WO 2004/086894** (13) A1
- (21) PCT/AU2004/000418
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 2003901576 **1 Apr/avr 2003** AU
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ARCH SUPPORT INSOLES
- SEMELLES POUR SOUTENIR LA VOUTE PLANTAIRE
- (71) **SSL INTERNATIONAL PLC** [GB/GB]; 35 New Bridge Street, London EC4V 6BW (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BERRY, Priscilla** [AU/AU]; 91/333 Beaconsfield Parade, St Kilda West, Victoria 3182 (AU). **BAYLY, Mark, Simon** [AU/AU]; 26 Heacham Road, Eltham North, Victoria 3095 (AU).
- (74) **PHILLIPS ORMONDE & FITZ-PATRICK**; 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)⁷ **A44C 5/24**
- (11) **WO 2004/086895** (13) A1
- (21) PCT/IB2004/001079
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) fr (26) fr
- (30) 2003 0597/03 **3 Apr/avr 2003** CH
(03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CLASP FOR A WATCHSTRAP OR BRACELET
- FERMOIR POUR BRACELET
- (71) **EBERHARD ET CO. SA** [CH/CH]; Rue du Manège 5, CH-2502 Bienne (CH).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MONTI, Palmiro** [CH/CH]; Riva Paradiso 16, CH-6900 Lugano (CH). **SESTER, Jacques** [IT/IT]; Via dei Platani 21, I-20020 Arese (MI) (IT).
- (74) **INFOSUISSE**; Information Horlogère et Industrielle, Rue du Grenier 18, CH-2302 La Chaux-de-Fonds (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)⁷ **A44C 23/00, A47G 33/00**
- (11) **WO 2004/086896** (13) A1
- (21) PCT/ES2004/000152
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) es (26) es
- (30) U 2003 00958 **4 Apr/avr 2003** ES
(04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ELECTRONIC DEVICE WHICH IS USED TO RECITE THE ROSARY
- DISPOSITIF ELECTRONIQUE DE RECITATION DES PRIERES DU ROSAIRE
- (71, 72) **FIGUERAS VILA, Joan** [ES/ES]; Terceries, 8 3^º. 2a, E-25280 Solsona (ES). **CLAVE CINCA, Jaume** [ES/ES]; Terceries, 8 3^º. 2a, E-25280 Solsona (ES).
- (74) **FIGUERAS VILA, Joan**; Terceries, 8 3^º. 2a, E-25280 Solsona (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).

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

- (51)⁷ **A45B 1/04, A61H 3/02, A45F 5/02**
- (11) **WO 2004/086897** (13) A1
- (21) PCT/FI2003/000911
- (22) **1 Dec/déc 2003 (01.12.2003)**
- (25) fi (26) en
- (30) 20030516 **4 Apr/avr 2003** FI
(04.04.2003)

- (30) 20031574 **29 Oct/oct 2003** FI
(29.10.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • HOLDER DEVICE INCLUDING MAGNETIC MEANS FOR STICKS OR EQUIVALENT ARTICLES
- DISPOSITIF DE FIXATION COMPRENANT DES MOYENS MAGNETIQUES POUR DES BEQUILLES OU DES ARTICLES EQUIVALENTS
- (71) **JUUSOMEDICAL OY** [FI/FI]; Lapinkävijantie 1, FIN-96100 Rovaniemi (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JUUSO, Juhani** [FI/FI]; -, Piekanatie 3 C 10, FIN-96400 Rovaniemi (FI).
- (74) **LAURINOLLI, Tapio**; Patenttitoimisto Tapio Laurinolli, P.O. Box 258, FIN-90101 Oulu (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A45B 25/02, 11/00**
- (11) **WO 2004/086898** (13) A1
- (21) PCT/EP2004/003065
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) de (26) de
- (30) 203 05 166.1 **31 Mar/mar 2003** DE
(31.03.2003)
- (30) 203 05 168.8 **31 Mar/mar 2003** DE
(31.03.2003)
- (30) 103 60 864.8 **23 Dec/déc 2003** DE
(23.12.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • UNFOLDABLE AND FOLDABLE OR FIXED PROTECTIVE CANOPY STRUCTURE
- CONCEPT DE TOILE DE PROTECTION DEPLIABLE ET REFERMABLE OU FIXE
- (71) **STRUCTURELAB GMBH** [DE/DE]; Speditionstrasse 15A, 40221 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GENDRIESCH, Jürgen** [DE/DE]; Winkelsfelder Strasse 10, 40477 Düsseldorf (DE). **SCHUBERT, Jürgen** [DE/DE]; Diedenhofener Strasse 4, 40476 Düsseldorf (DE). **PRANG, Alexander** [DE/DE]; Jahnstrasse 100, 40215 Düsseldorf (DE).
- (74) **COHAUSZ DAWIDOWICZ HANNIG & PARTNER**; Patent- und Rechtsanwaltskanzlei, Schumannstrasse 97-99, 40237 Düsseldorf (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)⁷ A45D 27/46

(11) WO 2004/086899 (13) A1

(21) PCT/EP2004/001386

(22) 13 Feb/fév 2004 (13.02.2004)

(25) de (26) de

(30) 103 15 453.1 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CLEANING DEVICE FOR A SHAVER
• DISPOSITIF DE NETTOYAGE POUR
RASOIR

(71) BRAUN GMBH [DE/DE]; Frankfurter
Strasse 145, 61476 Kronberg (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KAPPES, Diana [DE/DE]; Lors-
bacher Strasse 51, 65817 Eppstein
(DE). LARSCHEID, Andreas [DE/DE];
Paradiesweg 30, 66779 Kelkheim (DE).
LUDÄSCHER, Uwe [DE/DE]; Sauerstrasse
51, 65934 Frankfurt (DE).

(74) BRAUN GMBH; Frankfurter Strasse 145,
61476 Kronberg (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)⁷ A45D 27/46, B08B 3/04, B26B 19/38

(11) WO 2004/086900 (13) A1

(21) PCT/EP2004/001387

(22) 13 Feb/fév 2004 (13.02.2004)

(25) de (26) de

(30) 103 15 455.8 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CLEANING DEVICE FOR A SHAVER
• DISPOSITIF DE NETTOYAGE POUR
RASOIR

(71) BRAUN GMBH [DE/DE]; Frankfurter
Strasse 145, D-61476 Kronberg (DE).

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

(72, 75) KAPPES, Diana [DE/DE]; Lors-
bacher Strasse 51, 65817 Eppstein
(DE). LARSCHEID, Andreas [DE/DE];
Paradiesweg 30, 66779 Kelkheim (DE).
LUDÄSCHER, Uwe [DE/DE]; Sauerstrasse
51, 65934 Frankfurt (DE).

(74) BRAUN GMBH; Frankfurter Strasse 145,
D-61476 Kronberg (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)⁷ A45D 27/46, B08B 3/10, B26B 19/38

(11) WO 2004/086901 (13) A1

(21) PCT/EP2004/001388

(22) 13 Feb/fév 2004 (13.02.2004)

(25) de (26) de

(30) 103 15 451.5 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MANUALLY OPERATED CLEANING
DEVICE FOR THE SHAVING HEAD
OF AN ELECTRIC SHAVER
• DISPOSITIF DE NETTOYAGE A AC-
TIONNEMENT MANUEL POUR LA
TETE DE RASAGE D'UN RASOIR
ELECTRIQUE

(71) BRAUN GMBH [DE/DE]; Frankfurter
Strasse 145, 61476 Kronberg (DE).

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

(72, 75) KAPPES, Diana [DE/DE]; Lors-
bacher Strasse 51, 65817 Eppstein
(DE). LARSCHEID, Andreas [DE/DE];
Paradiesweg 30, 66779 Kelkheim (DE).
LUDÄSCHER, Uwe [DE/DE]; Sauerstrasse
51, 65934 Frankfurt (DE). STEGHAUS,
Michael [DE/DE]; Glauburgstrasse 25,
60318 Frankfurt (DE).

(74) BRAUN GMBH; Frankfurter Strasse 145,
61476 Kronberg (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)⁷ A45D 27/46, B08B 3/04, B26B 19/38

(11) WO 2004/086902 (13) A1

(21) PCT/EP2004/001389

(22) 13 Feb/fév 2004 (13.02.2004)

(25) de (26) de

(30) 103 15 452.3 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRIC CLEANING DEVICE FOR
A SHAVER HAVING AN EXCHANGE-
ABLE CARTRIDGE
• DISPOSITIF ELECTRIQUE DE NET-
TOYAGE POUR RASOIR

(71) BRAUN GMBH [DE/DE]; Frankfurter
Strasse 145, 61476 Kronberg (DE).

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

(72, 75) KAPPES, Diana [DE/DE]; Lors-
bacher Strasse 51, 65817 Eppstein
(DE). LARSCHEID, Andreas [DE/DE];
Paradiesweg 30, 66779 Kelkheim (DE).
LUDÄSCHER, Uwe [DE/DE]; Sauerstrasse
51, 65934 Frankfurt (DE).

(74) BRAUN GMBH; Frankfurter Strasse 145,
61476 Kronberg (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)⁷ A45D 40/20, B43K 19/00, 19/16

(11) WO 2004/086903 (13) A1

(21) PCT/EP2004/003449

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 03007832.3 4 Apr/avr 2003 EP
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COSMETIC PENCIL AND METHOD
FOR THE PRODUCTION THEREOF
• BATON COSMETIQUE ET PROCEDE
DE FABRICATION

(71) SCHWAN-STABILO COSMETICS
GMBH & CO. KG [DE/DE]; Schwan-
weg 1, 90562 Heroldsberg (DE).

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

(72, 75) HERRMANN, Josef [DE/DE]; von
Hauck-Strasse 9, 91074 Herzogenaurach
(DE). KNAPP, Sabine [DE/DE]; Hei-
destrasse 8, 90542 Eckental (DE). UTAN,

- Gabriel [DE/DE]; Markomanniweg 20, 91080 Uttenreuth (DE).
- (74) FRITSCHKE, Rainer; 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).
- Published / Publiée : (c)
-
- (51)⁷ A45F 5/02
- (11) WO 2004/086904 (13) A1
- (21) PCT/ZA2004/000039
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 2003/2573 2 Apr/avr 2003 ZA (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CELLULAR PHONE ACCESSORY
• ACCESSOIRE DE TELEPHONE CELLULAIRE
- (71, 72) ROUSELL, Nick [ZA/ZA]; 68 Mowbray Road, Greenside, 2193 Johannesburg (ZA).
- (74) GALGUT, John; Patent Department, Galgut & Galgut, P O Box 633, Parklands, 2121 Johannesburg (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).
- Published / Publiée : (c)
-
- (51)⁷ A46B 13/02 // 7/04, 7/08
- (11) WO 2004/086905 (13) A1
- (21) PCT/FI2004/000003
- (22) 8 Jan/jan 2004 (08.01.2004)
- (25) fi (26) en
- (30) 20030502 3 Apr/avr 2003 FI (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SIDE BRUSH
• BROSSE LATÉRALE

- (71) SAJAKORPI OY [FI/FI]; PL 725, FI-33101 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUIVIKKO, Reijo [FI/FI]; Insinöörinkatu 52 B 36, FI-33720 Tampere (FI).
SAJAKORPI, Kimmo [FI/FI]; Pyyntikintori 37 C 23, FI-33230 Tampere (FI).
- (74) KANGASMÄKI, Reijo; Finnish Patent Consulting FPC, Hermiankatu 14, 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A46D 9/00
- (11) WO 2004/086906 (13) A1
- (21) PCT/DE2004/000683
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) de (26) de
- (30) 103 15 105.2 2 Apr/avr 2003 DE (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DEVICE FROM THE PRODUCTION OF ANGLED BRISTLES ON BRUSH SUPPORTS
• DISPOSITIF DE PRODUCTION DE SOIES COURBÉES SUR DES SUPPORTS DE SOIES
- (71, 72) FRITZE, Heinz [DE/DE]; Georgstr. 2, 09127 Chemnitz (DE).
- (74) SEERIG & HÜBNER; Am Alten Bad 6, 09111 Chemnitz (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)⁷ A47B 25/00
- (11) WO 2004/086907 (13) A1
- (21) PCT/KR2004/000723
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en

- (30) 20-2003-0009634 31 Mar/mar 2003 KR (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MULTIPURPOSE RECEPTION TABLE
• TABLE DE RECEPTION POLYVALENTE
- (71, 72) SUN, Gyung Soo [KR/KR]; Green Mansion Na-dong, #310, Jungja-Dong, Janggan-Gu, Suwon-City, Kyunggi-Do 463-010 (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 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)⁷ A47C 4/28
- (11) WO 2004/086908 (13) A1
- (21) PCT/JP2004/004269
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-126750 28 Mar/mar 2003 JP (28.03.2003)
- (30) 2003-183525 26 May/mai 2003 JP (26.05.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • FOLDING CHAIR
• CHAISE PLIANTE
- (71, 72) TSUNOSE, Shigeki [JP/JP]; 9-11, Shimochiai 2-chome, Shinjuku-ku, Tokyo 161-0033 (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)⁷ A47C 7/40
- (11) WO 2004/086909 (13) A1
- (21) PCT/JP2004/004636
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en

- (30) 2003-097397 **31 Mar/mar 2003** JP
(31.03.2003)
- (30) 2003-097398 **31 Mar/mar 2003** JP
(31.03.2003)
- (30) 2003-097399 **31 Mar/mar 2003** JP
(31.03.2003)
- (30) 2003-097400 **31 Mar/mar 2003** JP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SEAT BACK FRAME FOR VEHICLE SEAT
• CADRE DE DOSSIER DE SIEGE POUR SIEGE DE VEHICULE
- (71) TS TECH CO., LTD. [JP/JP]; 7-27, Sakae-cho 3-chome, Asaki-shi, Saitama 351-0012 (JP).
- (72) YOSHIDA, Masami; c/o Technical Center, TS Tech Co., Ltd, 118-1, Oaza Ota, Takanezawa-machi, Shiota-gun, Tochigi 329-1217 (JP).
- (74) TAKESHITA, Kazuo; 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)⁷ A47C 7/42
- (11) WO 2004/086910 (13) A1
- (21) PCT/JP2003/003958
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SEAT WITH ADVERTISEMENT INFORMATION
• SIEGE COMPORTANT DES DONNEES PUBLICITAIRES
- (71) SUMINOE TEXTILE CO., LTD. [JP/JP]; 11-20, Minami-Semba 3-chome, Chuo-ku, Osaka-shi, Osaka 542-8504 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AKIZUKI, Mitsuhiro [JP/JP]; c/o Suminoe Textile Co., Ltd., R & D Center, 5-8, Obori 1-chome, Matsubara-shi, Osaka 580-0006 (JP). MASHIMA, Akira [JP/JP]; c/o Suminoe Textile Co., Ltd., R & D Center, 5-8, Obori 1-chome, Matsubara-shi, Osaka 580-0006 (JP). SUZUKI, Kenichi [JP/JP]; c/o Suminoe Textile Co., Ltd., R & D Center, 5-8, Obori 1-chome, Matsubara-shi, Osaka 580-0006 (JP). KUROSAWA, Ryoji [JP/JP]; c/o Suminoe Textile Co., Ltd., Tokyo Branch, 30-4, Nishigotanda 2-chome, Shinagawa-ku, Tokyo 141-8534 (JP).

- (74) TAKEMASA, Yoshiaki; Maison de Hijirizaka 4F, 15-36, Mita 4-chome, Minato-ku, Tokyo 108-0073 (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 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)⁷ A47C 7/70, A47B 41/06
- (11) WO 2004/086911 (13) A1
- (21) PCT/ES2003/000553
- (22) 28 Oct/oct 2003 (28.10.2003)
- (25) es (26) es
- (30) P200300802 **4 Apr/avr 2003** ES
(04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ARMCHAIR SIDE PANEL COMPRISING A SYSTEM FOR THE RAPID MOUNTING OF A WRITING TABLET WITH ANTI-PANIC ARRANGEMENT
• PANNEAU LATÉRAL POUR FAUTEUILS COMPRENANT UN SYSTÈME DE MONTAGE RAPIDE D'UN PLATEAU ANTIPANIQUE
- (71) EURO SEATING INTERNATIONAL, S.A. [ES/ES]; Pol. Industrial EL RAM, 11, 26280 EZCARAY (La Rioja) (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROBREDO ALTUZARRA, Gonzalo [ES/ES]; Pol. Industrial EL RAM, 11, 26280 EZCARAY (La Rioja) (ES).
- (74) CARPINTERO LÓPEZ, Francisco; Herrero & Asociados, S.L., Alcalá, 35, 28014 MADRID (ES).
- (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)⁷ A47C 17/22, 17/20
- (11) WO 2004/086912 (13) A1
- (21) PCT/EP2004/000341
- (22) 19 Jan/jan 2004 (19.01.2004)
- (25) en (26) en

- (30) MI2003A000656 **3 Apr/avr 2003** IT
(03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • OPENING/CLOSING MECHANISM FOR A SOFA BED
• MECANISME D'OUVERTURE/FERMETURE POUR CANAPE-LIT
- (71) GRUPPO INDUSTRIALE STYLING SRL [IT/IT]; Via Carlo Levi 24, I-70022 Altamura (BA) (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GIUSEPPE, Patella [IT/IT]; Via C. Levi 24, I-70022 Altamura (BA) (IT).
- (74) COGGI, Giorgio et al. / etc.; Racheli & C. SPA, Viale San Michele del Carso, 4, I-20144 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement
-
- (51)⁷ A47C 17/22
- (11) WO 2004/086913 (13) A1
- (21) PCT/IB2004/000568
- (22) 24 Feb/fév 2004 (24.02.2004)
- (25) en (26) en
- (30) BA03A000019 **4 Apr/avr 2003** IT
(04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SOFA BED AND ITS OPEN-CLOSE MECHANISM
• CANAPE-LIT ET SON MECANISME D'OUVERTURE ET DE FERMETURE
- (71) GRUPPO INDUSTRIALE STYLING [IT/IT]; Via Carlo Levi N. 24, I-70022 Altamura (IT).

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

(72, 75) **PATELLA, Pino** [IT/IT]; Via Carlo Levi n. 22, I-70022 Altamura (IT).

(74) **LAFORGIA, Domenico**; Via Garruba N. 3, I-70122 Bari (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 CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **A47C 19/00, 17/00, 17/86**

(11) **WO 2004/086914** (13) A1

(21) PCT/CN2003/000467

(22) **16 Jun/juin 2003 (16.06.2003)**

(25) zh (26) zh

(30) 03112117.9 **3 Apr/avr 2003 (03.04.2003)** CN

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN EARTHQUAKE-PROOF BED
• LIT PARASISMIQUE

(71, 72) **WANG, Shuqing** [CN/CN]; Weifang Yihua Furniture Co., Ltd., 261200 Weifang City, Shandong Province (CN).

(74) **UNITALEN ATTORNEYS AT LAW**; WANG, Xueqiang, Rm.30703, 7th Floor Scitech Place, No. 22 Jian Guo Men Wai Ave., Chaoyang District, 100004 Beijing (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 NI NO NZ OM PG 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)⁷ **A47C 27/06**

(11) **WO 2004/086915** (13) A1

(21) PCT/DE2004/000391

(22) **2 Mar/mar 2004 (02.03.2004)**

(25) de (26) de

(30) 203 05 160.2 **28 Mar/mar 2003 (28.03.2003)** DE

(30) 203 13 748.5 **2 Sep/sep 2003 (02.09.2003)** DE

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • UPHOLSTERY SPRING ELEMENT

• ELEMENT RESSORT POUR REMBOURRAGE

(71, 72) **HARTMANN, Siegbert** [DE/DE]; Neuer Kamp 71, 32284 Löhne (DE).

(74) **FROHOFF, Dietmar**; Elsa-Brändström-Sr. 2, 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).

Published / Publiée : (c)

(51)⁷ **A47D 1/00, 15/00**

(11) **WO 2004/086916** (13) A2

(21) PCT/US2004/008744

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 60/457,325 **26 Mar/mar 2003 (26.03.2003)** US

(30) 10/803,086 **18 Mar/mar 2004 (18.03.2004)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HIGH CHAIR
• CHAISE HAUTE

(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) **NOLAN, Patrick** [US/US]; 2103 Brooke Drive, Royersford, PA 19468 (US).

HUTCHINSON, James, Murray, Forbes [US/US]; 25 Frog Hollow Lane, Mohnton, PA 19468 (US). **BELLOWS, William, B.** [US/US]; 1409 Monroe Avenue, Wyomissing, PA 19610 (US). **LONGENECKER, Michael, L.** [US/US]; 15 Allen Road, Ephrata, PA 17522 (US). **CARPENTER, Jason, A.** [US/US]; 131 Redstone Circle, Reinholds, PA 17569 (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 US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ **A47F 3/08, F25D 25/00, B65G 1/02**

(11) **WO 2004/086917** (13) A1

(21) PCT/GB2004/001068

(22) **11 Mar/mar 2004 (11.03.2004)**

(25) en (26) en

(30) 0305519.1 **11 Mar/mar 2003 (11.03.2003)** GB

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ARTICLE MOVEMENT DEVICE
• DISPOSITIF DE DEPLACEMENT D'ARTICLES

(71, 72) **FARRAR, Steven** [GB/GB]; 2 White Cross Road, Dewsbury, West Yorkshire WF12 7DT (GB).

(74) **BAILEY WALSH & CO**; 5 York Place, Leeds LS1 2SD (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)⁷ **A47F 5/08**

(11) **WO 2004/086918** (13) A1

(21) PCT/GB2004/001417

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 0307323.6 **29 Mar/mar 2003 (29.03.2003)** GB

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISPLAY SYSTEM
• SYSTEME DE PRESENTATION

(71) **ABBOTT HOLDINGS LIMITED** [GB/GB]; Burnham Business Park, Burnham-on-Crouch, Essex CM0 8TD (GB).

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

(72, 75) **CHASMER, Godfrey, Victor** [GB/GB]; Hazeleigh Grange, Burnham Road, Hazeleigh, Essex CM3 6QS (GB). **BAL-ASHOV, Gennady** [RU/RU]; 10-2-14, Degtyarny, per.125009, Moscow (RU).

(74) **GILLAM, Francis, Cyril et al. / etc.; Sanderson & Co.**, 34 East Stockwell Street, Colchester, Essex CO1 1ST (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 SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A47G 19/06, B65D 81/32

(11) WO 2004/086919 (13) A1

(21) PCT/MX2004/000022

(22) 31 Mar/mar 2004 (31.03.2004)

(25) es (26) es

(30) JL/a/2003/000008 2 Apr/avr 2003 MX (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CLAMP-EQUIPPED CONTAINER FOR LIGHT SOLID PRODUCTS
• RECIPIENT A FIXATION POUR PRODUITS SOLIDES LEGERES

(71, 72) CHAM HERNÁNDEZ, Ricardo, Augusto [MX/MX]; Callejón del Arco, N° 4290, Interior 209, Col. Villa Universitaria, Zapopan, Jalisco 45110 (MX).

(74) ROMERO MIRANDA, Jose antonio; Becerril, Coca & Becerril, S.C., Thiers 251, 10 to 14 Floors, Col. Anzures Del. Miguel Hidalgo, Mexico, D.F., C.P. 11590 (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).

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(51)⁷ A47G 19/26, A47J 36/36

(11) WO 2004/086920 (13) A1

(21) PCT/DK2004/000235

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) PA 2003 00511 4 Apr/avr 2003 DK (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A COVER FOR A FOOD TRAY OR DISH
• COUVERCLE POUR PLATEAU OU PLAT

(71, 72) LARSEN, Carsten, Lønborg [DK/DK]; Lyngparken 2, DK-4400 Kalundborg (DK). DAREL, Mads [DK/DK]; Skibbrogade 20b, DK-4400 Kalundborg (DK).

(74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, 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).

(51)⁷ A47G 21/02, 21/08

(11) WO 2004/086921 (13) A1

(21) PCT/IB2004/000882

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 60/459,331 1 Apr/avr 2003 US (01.04.2003)

(30) 60/478,708 13 Jun/juin 2003 US (13.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FEEDING IMPLEMENT
• USTENSILE POUR LES REPAS

(71) GERBER PRODUCTS COMPANY [US/US]; 445 State Street, Fremont, MI 49413-0001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BULLARD, Hoke, V. [US/US]; 5280 Vista Royle Court, Rockford, MI 49341 (US). LANTZ, Daniel [US/US]; 38 Mills St. Apt. 2, Morristown, NJ 07960 (US). QUINN, Charles [US/US]; 999 Allison Street, Sun Prairie, WI 53590 (US).

(74) DOHMANN, George, R. et al. / etc.; Novartis 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).

(51)⁷ A47G 21/04, A23L 1/00, A61J 7/00

(11) WO 2004/086922 (13) A1

(21) PCT/US2004/009490

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/403,569 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HYDROPHILIC SUBSTANCE DISPENSING DEVICE

• DISTRIBUTEUR DE SUBSTANCE HYDROPHILE

(71) MCNEIL-PPC, INC. [US/US]; Grandview Road, Skillman, NJ 08558 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) HAMIEL, J., Lee; 7D Eagle Way, Queensbury, NY 12804 (US). SHYHYUAN, Liao; 8 Glacier Drive, West Windsor, NJ 08550 (US). SOX, Thomas, E.; 1105 Meetinghouse Road, Ambler, PA 19002 (US).
(only for / seulement pour US)

(74) JOHNSON, Phillip, S. et al. / etc.; Johnson & Johnson, 1 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).

Published / Publiée : (c)

(51)⁷ A47G 21/14

(11) WO 2004/086923 (13) A1

(21) PCT/KR2004/000756

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ko (26) en

(30) 10-2003-0020474 1 Apr/avr 2003 KR (01.04.2003)

(30) 20-2003-0039192 16 Dec/déc 2003 KR (16.12.2003)

(30) 20-2004-0008894 31 Mar/mar 2004 KR (31.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS FOR SUPPLYING SPOON AND CHOPSTICK
• APPAREIL DE DISTRIBUTION DE CUILLERS ET DE BAGUETTES

(71, 72) PARK, Byoung-ki [KR/KR]; 3307-44, Taepyoung-2dong, Sujeong-gu, Sungnam-si, Gyeonggi-do 461-093 (KR).

(74) HUH, Sung-won et al. / etc.; Shinwon Bldg. 1F., 823-14, 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ **A47J 17/02, 25/00**

(11) **WO 2004/086924** (13) A1

(21) PCT/CH2004/000214

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) de (26) de

(30) 03007755.6 **4 Apr/avr 2003** EP
(**04.04.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR CORING AND PEELING
APPLES

• DISPOSITIF POUR EVIDER ET EPLU-
CHER DES POMMES

(71) INNOWARE AG [LI/LI]; Bergstrasse 45,
FL-9495 Triesen (LI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BATLINER, **Andreas** [LI/LI];
Bergstrasse 45, FL-9495 Triesen (LI).
GOOS, Herbert [CH/CH]; Hinterdorfs-
trasse 2, CH-8914 Aeugst a. Albis (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).

Declarations / Déclarations :

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

(51)⁷ **A47J 39/00, F24C 15/20, 15/30**

(11) **WO 2004/086925** (13) A1

(21) PCT/EP2004/003460

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) de (26) de

(30) 203 05 322.2 **2 Apr/avr 2003** DE
(**02.04.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • KITCHEN TABLE EQUIPPED WITH
AN AIR-CIRCULATING COOKING
INSTALLATION

• TABLE DE CUISINE POURVUE D'UNE
INSTALLATION DE CUISSON A CIR-
CULATION D'AIR

(71, 72) FISCHENICH, **Klaus** [DE/DE]; Müh-
lengasse 1, 50999 Köln (DE).

(74) MAXTON LANGMAACK & PARTNER;
Postfach 51 08 06, 50944 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A47K 10/36**

(11) **WO 2004/086926** (13) A1

(21) PCT/JP2003/011798

(22) **17 Sep/sep 2003 (17.09.2003)**

(25) ja (26) ja

(30) 2003-093674 **31 Mar/mar 2003** JP
(**31.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PAPER HOLDER

• DISTRIBUTEUR DE PAPIER

(71, 72) INAYA, **Chikao** [JP/JP]; 69-2, Kawan-
ishi-cho Handa, Shiki-gun, Nara 636-0206
(JP).

(74) KAWAKUBO, **Shinichi**; 6th Floor, Okubo
Bldg., 4-12, Yotsuya 2-chome, Shinjuku-ku,
Tokyo 160-0004 (JP).

(81) AU CA CN JP KR NZ RU 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)⁷ **A47K 13/24, E03D 5/014 // A47K 11/02**

(11) **WO 2004/086927** (13) A1

(21) PCT/NO2004/000100

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) no (26) en

(30) 20031545 **4 Apr/avr 2003** NO
(**04.04.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • URINE-SEPARATING TOILET

• TOILETTES PERMETTANT DE SEPA-
RER L'URINE

(71) PETER OPSVIK AS [NO/NO]; Pilestredet
27h, N-0164 Oslo (NO).
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les États désignés sauf US)

(72, 75) OPSVIK, **Peter** [NO/NO]; Josefinegate
40, N-0258 Oslo (NO).

(74) ONSAGERS AS; 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).

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)⁷ **A47L**

(11) **WO 2004/086928** (13) A2

(21) PCT/BR2003/000124

(22) **1 Sep/sep 2003 (01.09.2003)**

(25) en (26) en

(30) MU8300561-7 **1 Apr/avr 2003** BR
(**01.04.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR CLEANING OF FEEDING
BOTTLES AND SIMILAR

• DISPOSITIF PERMETTANT LE NET-
TOYAGE DE BIBERONS ET DE
CONTENANTS ANALOGUES

(71, 72) ZUKERMAN, **Marlyn** [BR/BR]; Rua
Dr Himem de Melo, 1109, 05007-002 Sao
Paulo, SP (BR).

(81) IL 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)⁷ **A47L 5/00**

(11) **WO 2004/086929** (13) A2

(21) PCT/FR2004/000722

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) fr (26) fr

(30) 03/03756 **27 Mar/mar 2003** FR
(**27.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TWIN-MOTOR INDEPENDENT VAC-
UUM CLEANER

• ASPIRATEUR AUTONOME BIMO-
TEUR

(71) NIELSEN INNOVATION [FR/FR];
27 Quai Franklin Roosevelt, F-77920
SAMOIS-SUR-SEINE (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NIELSEN, **Jul Henrik** [DK/FR];
103 Rue Saint-Merry, F-77300
FONTAINEBLEAU (FR).

(74) CARDY, **Sophie** et al. / etc.; Cabinet
Beau De Loménie, 158 Rue de l'Université,
F-75340 Paris Cedex 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)⁷ A47L 11/20, 11/30, 11/34

(11) WO 2004/086930 (13) A1

(21) PCT/JP2004/003899

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-096880 31 Mar/mar 2003 JP
(31.03.2003)

(30) 2003-125804 30 Apr/avr 2003 JP
(30.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STEAM SPOUT TYPE CLEANING DE-
VICE
• DISPOSITIF DE NETTOYAGE DE
TYPE BEC A VAPEUR

(71, 72) SEKIJIMA, Takayuki [JP/JP]; 2301-1,
Kamiasatobepu, Iida-shi, Nagano 3950003
(JP).

(74) OZAKI, Takahiro; Ozaki Patent Firm,
11-14, chuohommachi, Gamagori-shi, Aichi
4430057 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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)⁷ A47L 13/20

(11) WO 2004/086931 (13) A1

(21) PCT/KR2003/002286

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 20-2003-0010354 4 Apr/avr 2003 KR
(04.04.2003)

(30) 20-2003-0010355 4 Apr/avr 2003 KR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A FLOOR MOP CAPABLE OF USING
BOTH SIDES
• BALAI A LAVER PERMETTANT UNE
UTILISATION DES DEUX FACES

(71, 72) LEE, Seung Jae [KR/KR]; 204-302,
Daerim Apt., 259, Todang-dong, De-
okyang-gu, Goyang-si, Gyeonggi-do 412-210
(KR).

(74) SOHN, Eun Jin; Eun Jin Sohn Patent &
Law Office, 1F., Yeoksam P-Bldg., 824-17,
Yeoksam-dong, Gangnam-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 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)⁷ A47L 17/00, 21/04

(11) WO 2004/086932 (13) A1

(21) PCT/IB2004/000846

(22) 9 Mar/mar 2004 (09.03.2004)

(25) it (26) en

(30) TO2003A000260 4 Apr/avr 2003 IT
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR STEAM WASHING AND
MAKING CUTTING BLADES MORE
HYGIENIC

• DISPOSITIF POUR LE LAVAGE A LA
VAPEUR DE LAMES TRANCHANTES
AFIN DE LES RENDRE PLUS HYGIE-
NIQUES

(71) R.E.A. S.N.C. DI SASSI E BAUDIN & C.
[IT/IT]; Realizzazioni Ecologiche Ambien-
tali, Via Lombardi, no 6, I-10028 Trofarello
(IT).

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

(72, 75) SASSI, Virginio [IT/IT]; Strada Genova,
no 131/ter, I-10024 Moncalieri (IT).

(74) ROBBA, Pierpaolo et al. / etc.; Interpatent
S.R.L., Via Caboto, no 35, I-10129 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)⁷ A47L 23/26

(11) WO 2004/086933 (13) A1

(21) PCT/GB2004/001316

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307828.4 4 Apr/avr 2003 GB
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DUST CONTROL MAT
• TAPIS ANTIPOUSSIERE

(71) MILLIKEN INDUSTRIALS LIMITED
[GB/GB]; Beech Hill Plant, Gidlow Lane,
Wigan WN6 8RN (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HEDLEY, Terence, Michael [GB/GB];
10 Overstone Close, Wing, Leighton Buzzard,
Bedfordshire LU7 0TE (GB).

(74) RAYNOR, Simon, Mark; Urquhart-Dykes
& Lord LLP, Midsummer House, Midsummer
Boulevard, Central Milton Keynes MK9 3BN
(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)⁷ A61B

(11) WO 2004/086934 (13) A2

(21) PCT/IL2004/000171

(22) 22 Feb/fév 2004 (22.02.2004)

(25) en (26) en

(30) 155146 30 Mar/mar 2003 IL
(30.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MINIMALLY INVASIVE DISTRAC-
TION DEVICE AND METHOD
• DISPOSITIF DE DISTRACTION AVEC
EFFRACTION MINIMALE

(71) EXPANDIS LTD. [IL/IL]; P.O.B. 15054,
31905 Haifa (IL).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SHEZIFI, Yuval [IL/IL]; 6 Bnei-Brith
St., 34752 Haifa (IL). GRUNBERG, Ilan
[IL/IL]; 15 Geula St., 33198 Haifa (IL).
OHANA, Nissim [IL/IL]; 201 Ahuza St.,
43557 Raanana (IL). BEN-ARYE, Asaf
[IL/IL]; Yefe Nof St. 30, 30900 Zichron
Yaakov (IL).

(74) MILLER - SIERADZKI ADVOCATES
& PATENT ATTORNEYS; P.O.Box 6145,
31061 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B

(11) WO 2004/086935 (13) A2

(21) PCT/IL2004/000285

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,975 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM, APPARATUS AND METHOD FOR LARGE AREA TISSUE ABLATION

• SYSTEME, APPAREIL ET METHODE D'ABLATION DE TISSU SUR UNE ZONE IMPORTANTE

(71) B.E.D. LASER TECHNOLOGIES LTD. [IL/IL]; 99 HaHistadrut Street, Haifa, 32 960 (IL).

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

(72, 75) LITVAK, Emil [IL/IL]; 3 Moshe Dayan Street, Yahud, 56 101 (IL). REGELMAN, Dan V. [IL/IL]; 32/4 Pinsky Street, Haifa, 32 715 (IL). MEZHERICKY, Boris [IL/IL]; 15 Yerushalayim Street, Haifa, 33 132 (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)⁷ A61B

(11) WO 2004/086936 (13) A2

(21) PCT/IL2004/000303

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,608 3 Apr/avr 2003 US (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS AND METHOD FOR ACCURATELY DELIMITED CRYOABLATION

• APPAREIL ET METHODE DE CRYOABLATION DELIMITEE DE MANIERE PRECISE

(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) ZVULONI, Roni [IL/IL]; 67 Han-tke Street, Haifa, 34608 (IL). AMIR, Uri [IL/IL]; 6 Almog Street, Neve Savyon, Or Yehuda, 60 405 (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)⁷ A61B

(11) WO 2004/086937 (13) A2

(21) PCT/IL2004/000305

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,992 4 Apr/avr 2003 US (04.04.2003)

(30) 10/771,440 5 Feb/fév 2004 US (05.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS OF DETECTING CANCER CELLS IN BIOLOGICAL SAMPLES

• PROCEDE PERMETTANT DE DETEC-TER DES CELLULES CANCEREUSES DANS DES PRELEVEMENTS BIOLOGIQUES

(71) BIOVIEW LTD. [IL/IL]; P.O. Box 4051, Nes Ziona, 70 400 (IL).

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

(72, 75) DANIELY, Michal [IL/IL]; 5 Harimon Street, Ganey Tikva, 55 900 (IL). KAPLAN, Tal [IL/IL]; 8/4 King Hadad Street, Ashdod, 77 495 (IL). KAPLAN, Eran [IL/IL]; 3 Paldi Street, Rehovot, 76 248 (IL). FREIBERGER, Avner [IL/IL]; 25 Ha'asis Street, Rishon Lezion, 75 492 (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)⁷ A61B

(11) WO 2004/086938 (13) A2

(21) PCT/US2004/008617

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/457,208 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DRILL DEVICE AND METHOD FOR FORMING MICROCONDUITS

• DISPOSITIF DE PERFORATION ET PROCEDE SERVANT A CREER DES CONDUITS MICROSCOPIQUES

(71, 72) HERNDON, Terry O. [US/US]; 82 Hillside Drive, Carlisle, MA 01741 (US).

(74) LINEK, Ernest V.; Banner & Witcoff, Ltd., 28 State Street, 28th Floor, Boston, MA 002109 (US).

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

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

(51)⁷ A61B

(11) WO 2004/086939 (13) A2

(21) PCT/US2004/008818

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/396,010 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IDENTIFYING OR MEASURING SELECTED SUBSTANCES OR TOXINS IN A SUBJECT USING RESONANT RAMAN SIGNALS

• IDENTIFICATION OU MESURE DE SUBSTANCES OU DE TOXINES SELECTIONNEES CHEZ UN SUJET AU MOYEN DE SIGNAUX RESONANTS DE RAMAN

(71) CHILDRENS HOSPITAL LOS ANGELES RESEARCH INSTITUTE [US/US]; 4650 Sunset Boulevard, Los Angeles, California 90027 (US). CALIFORNIA INSTITUTE OF TECHNOLOGY [US/US]; 1200 E. California Boulevard, Pasadena, California 91126 (US).

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

(72, 75) LAMBERT, James, L. [US/US]; 7800 Ellenbogen St., Sunland, California 91040 (US). BORCHERT, Mark, S. [US/US]; 4821 Carmel Road, La Canada, California 91011 (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).

(51)⁷ A61B

(11) WO 2004/086940 (13) A2

(21) PCT/US2004/009162

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,667 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE AND METHOD FOR PERFORMING ELECTRICAL IMPEDANCE TOMOGRAPHY
• DISPOSITIF ET PROCEDE PERMETTANT D'EXECUTER UNE TOMOGRAPHIE A IMPEDANCE ELECTRIQUE

(71) FRESNIUS MEDICAL CARE NORTH AMERICA [DE/DE]; 95 Hayden Avenue, Lexington, MA 02424 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZHU, Fansan [US/US]; 43-73 Union Street, Apt. 4D, Flushing, NY 11355 (US).
LEVIN, Nathan, W. [US/US]; 200 East 89th Street, Apt. 17B, New York, NY 10128 (US).

(74) MELORO, Thomas, J. 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)⁷ A61B

(11) WO 2004/086941 (13) A2

(21) PCT/US2004/009172

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,769 27 Mar/mar 2003 US (27.03.2003)

(30) 60/505,944 25 Sep/sep 2003 US (25.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR RAPIDLY IDENTIFYING PATHOGENS, BACTERIA AND ABNORMAL CELLS
• SYSTEME ET PROCEDE D'IDENTIFICATION RAPIDE D'AGENTS PATHOGENES, DE BACTERIES ET DE CELLULES ANORMALES

(71) BARTRON MEDICAL IMAGING, LLC [US/US]; 235 Blake Street, New Haven, CT 06515 (US).

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

(72, 75) WALKER, Fitz, Jr. [US/US]; 235 Blake Street, New Haven, CT 06515 (US).

(74) NUZZO, Raymond, A.; Law Offices of Raymond A. Nuzzo, LLC, 579 Thompson Avenue, East Haven, CT 06512 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ A61B

(11) WO 2004/086942 (13) A2

(21) PCT/US2004/009180

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/401,633 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRESSURE SUPPORT COMPLIANCE MONITORING SYSTEM
• SYSTEME DE SURVEILLANCE DE CONFORMITE POUR SUPPORT DE LA PRESSION

(71) RIC INVESTMENTS, INC. [US/US]; 801 West Street, 2nd Floor, Wilmington, DE 19801-1545 (US).

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(74) GASTINEAU, Cheryl, L. et al. / etc.; Reed Smith LLP, P.O. Box 488, Pittsburgh, PA 15230-0488 (US).

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

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

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

(51)⁷ A61B

(11) WO 2004/086943 (13) A2

(21) PCT/US2004/009256

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/400,187 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND KIT FOR TREATMENT OF TISSUE
• METHODE ET KIT DE TRAITEMENT DE TISSU

(71) THERMAGE, INC. [US/US]; 4058 Point Eden Way, Hayward, CA 94545 (US).
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(72, 75) STERN, Roger, A. [US/US]; 10418 Palo Vista Road, Cupertino, CA 95014 (US).
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(74) DAVIS, Paul; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

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

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

(51)⁷ A61B

(11) WO 2004/086944 (13) A2

(21) PCT/US2004/009297

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,854 27 Mar/mar 2003 US (27.03.2003)

(30) 60/478,035 11 Jun/juin 2003 US (11.06.2003)

(30) 60/490,082 24 Jul/juil 2003 US (24.07.2003)

(30) 10/787,532 25 Feb/fév 2004 US (25.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • ENERGY BASED DEVICES AND METHODS FOR TREATMENT OF PATENT FORAMEN OVALE

- DISPOSITIFS ET PROCÉDES FONDES SUR L'APPLICATION D'UNE ENERGIE POUR LE TRAITEMENT DU FORAMEN OVALE PERSISTANT

(71) **CIERRA INC.** [US/US]; 199 Jefferson Drive, Menlo Park, CA 94025 (US).
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(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)⁷ **A61B**

(11) **WO 2004/086945** (13) **A2**

(21) PCT/US2004/009437

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 10/404,879 **31 Mar/mar 2003 US (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • **PAPANICOLAU STAINING PROCESS**
• PROCESSUS DE COLORATION DE PAPANICOLAU

(71) **CYTYC CORPORATION** [US/US]; 85 Swanson Road, Boxborough, MA 01719 (US).
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(72, 75) **LAPEN, Daniel** [US/US]; P.O. Box 11, Lancaster, MA 01523 (US). **SOULE, Norman** [US/US]; 380 Hillberg, Brockton, MA 02301 (US). **LIM, Somthouk** [US/US]; 10 Michaud Drive, Framingham, MA 01701 (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 US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **A61B**

(11) **WO 2004/086946** (13) **A2**

(21) PCT/US2004/009439

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/457,666 **26 Mar/mar 2003 US (26.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • **CARDIAC APPARATUS INCLUDING ELECTROACTIVE POLYMER ACTUATORS AND METHODS OF USING THE SAME**

- APPAREIL CARDIAQUE COMPRENANT DES ACTIONNEURS POLYMERIQUES ELECTROACTIFS ET PROCÉDES D'UTILISATION DE CET APPAREIL

(71) **PAVAD MEDICAL, INC.** [US/US]; Suite 112, 23595 Cabot Blvd., Hayward, CA 94545 (US).
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(72, 75) **HEGDE, Anant, V.** [US/US]; 36105 Toulouse Street, Newark, CA 94560 (US). **BUCH, Wally, S.** [US/US]; 178 Glenwood Avenue, Atherton, CA 94027 (US). **KARABEY, Halil, I.** [US/US]; 4515 Grimsby Drive, San Jose, CA 95130 (US).

(74) **LIU, Cliff, Z. et al.** / etc.; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US).

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

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

(51)⁷ **A61B**

(11) **WO 2004/086947** (13) **A2**

(21) PCT/US2004/009452

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/458,770 **27 Mar/mar 2003 US (27.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • **METHOD AND APPARATUS FOR DERMATOLOGICAL TREATMENT AND FRACTIONAL SKIN RESURFACING**

- PROCÉDE ET APPAREIL DE TRAITEMENT DERMATOLOGIQUE ET DE RESTRUCTURATION FRACTIONNELLE DE SURFACE CUTANÉE

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).
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(72, 75) **MANSTEIN, Dieter** [DE/US]; 1 Longfellow Place, #2624, Boston, MA 02114 (US). **ANDERSON, Richard** [US/US]; 399 Marrett Road, Lexington, MA 02421 (US).

(74) **ABELEV, Gary**; 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)⁷ **A61B**

(11) **WO 2004/086948** (13) **A2**

(21) PCT/US2004/009504

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/458,698 **28 Mar/mar 2003 US (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • **A CONFOCAL MICROSCOPE SYSTEM FOR REAL-TIME SIMULTANEOUS TEMPORAL MEASUREMENTS OF METACHRONAL WAVE PERIOD AND CILIARY BEAT FREQUENCY**

- SYSTÈME DE MICROSCOPE CONFOCAL DESTINÉ À EFFECTUER DES MESURES TEMPORELLES SIMULTANÉES EN TEMPS REEL DE FREQUENCE DES BATTEMENTS CILIAIRES ET DES PERIODES D'ONDES METACHRONIQUES

(71) **BIO TECHPLEX CORPORATION** [US/US]; 755 Nicholas BLVD., Elk Grove Village, IL 60007-2508 (US).

(72) **WONG, Lid, B.**; 452 Ridgeland Avenue, Elmhurst, IL 60126 (US). **YEATES, Donovan, B.**; 907 W. Ainslie, Apt. 3, Chicago, IL 60608 (US). **MAO, Hua**; 13922 Sparren Ave., San Diego, CA 92129 (US). **CHANDRA, Tarun**; 7446 Korbel Drive, Gurnee, IL 60031 (US).
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(74) **KATZ, Martin, L.**; Wood, Phillips, Katz, Clark & Mortimer, 500 West Madison Street, Suite 3800, Chicago, IL 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)⁷ A61B

(11) WO 2004/086949 (13) A2

(21) PCT/US2004/009525

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,395 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DNA MARKERS FOR MANAGEMENT
OF CANCER

• MARQUEURS D'ADN UTILISES DANS
LA GESTION DU CANCER

(71) JOHN WAYNE CANCER INSTITUTE
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(74) THOMSON, William, E. et al. / etc.; Hogan
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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)⁷ A61B

(11) WO 2004/086950 (13) A2

(21) PCT/US2004/009532

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,854 27 Mar/mar 2003 US
(27.03.2003)

(30) 60/478,035 11 Jun/juin 2003 US
(11.06.2003)

(30) 60/490,082 24 Jul/juil 2003 US
(24.07.2003)

(30) 10/679,245 2 Oct/oct 2003 US
(02.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ENERGY BASED DEVICES AND
METHODS FOR TREATMENT OF
PATENT FORAMEN OVALE

• DISPOSITIFS A BASE D'ENERGIE ET
METHODES POUR LE TRAITEMENT
D'UN FORAMEN OVALE PATENT

(71) CIERRA, INC. [US/US]; 199 Jefferson
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GIFFORD, Hanson, S., III [US/US]; 3180
Woodside Road, Woodside, CA 94062 (US).
ALEGANDRO, Jose [US/US]; 617 Arcadia
Terrace, Unit 101, Sunnyvale, CA 94087
(US).

(74) SMITH, Scott, M. et al. / etc.; Townsend and
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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)⁷ A61B

(11) WO 2004/086951 (13) A2

(21) PCT/US2004/009533

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,854 27 Mar/mar 2003 US
(27.03.2003)

(30) 60/478,035 11 Jun/juin 2003 US
(11.06.2003)

(30) 60/490,082 24 Jul/juil 2003 US
(24.07.2003)

(30) 10/665,974 18 Sep/sep 2003 US
(18.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS AND APPARATUS FOR
TREATMENT OF PATENT FORAMEN
OVALE

• METHODES ET APPAREIL POUR
LE TRAITEMENT D'UN FORAMEN
OVALE PATENT

(71) CIERRA, INC. [US/US]; 199 Jefferson
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(74) SMITH, Scott, M. et al. / etc.; Townsend and
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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)⁷ A61B

(11) WO 2004/086952 (13) A2

(21) PCT/US2004/009569

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,480 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPLICATION OF NEURO-OCULAR
WAVEFRONT DATA IN VISION COR-
RECTION

• APPLICATION DE DONNEES DE
FRONT D'ONDE NEURO-OCULAIRES
DANS LA CORRECTION DE LA VI-
SION

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(74) KAYDEN, James, W.; Thomas, Kayden,
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30339-5948 (US).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 :

(u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ A61B

(11) WO 2004/086953 (13) A2

(21) PCT/US2004/009579

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,710 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR DIAGNOSIS AND TREATMENT OF BONE TURNOVER
• METHODE DE DIAGNOSTIC ET DE TRAITEMENT DU RENOUVELLEMENT DES CELLULES OSSEUSES

(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ARKANSAS [US/US]; 2404 North University Avenue, Little Rock, AR 72207-3608 (US).
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(72, 75) GADDY, Dana, P. [US/US]; 13301 Beckenham Dr., Little Rock, AR 72212 (US).

(74) FENTRESS, Susan B.; Butler, Snow, O'Mara, Stevens & Cannada PLLC, Suite 500, 6075 Poplar Avenue, Memphis, TN 38119 (US).

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

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

(51)⁷ A61B 1/00, G02B 6/18, 23/26

(11) WO 2004/086954 (13) A1

(21) PCT/EP2004/003167

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 14 288.6 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ENDOSCOPE
• ENDOSCOPE

(71) SCHÖLLY FIBEROPTIC GMBH [DE/DE]; Robert-Bosch-Strasse 1-3, 79211 Denzlingen (DE).
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(72, 75) SCHLENKER, Stefan [DE/DE]; Pfarergarten 10A, 79111 Freiburg (DE).

(74) MAUCHER, Wolfgang et al. / etc.; Dreikönigstrasse 13, 79102 Freiburg i. Br. (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)⁷ A61B 1/00, G02B 6/24, 23/26

(11) WO 2004/086955 (13) A1

(21) PCT/EP2004/003168

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 14 289.4 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE GUIDE
• GUIDE-IMAGE

(71) SCHÖLLY FIBEROPTIC GMBH [DE/DE]; Robert-Bosch-Strasse 1-3, 79211 Denzlingen (DE).
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(72, 75) SCHLENKER, Stefan [DE/DE]; Pfarergarten 10A, 79111 Freiburg (DE). PAUL, Steffen [DE/DE]; Kirchplatz 4, 79108 Freiburg (DE).

(74) MAUCHER, Wolfgang et al. / etc.; Dreikönigstrasse 13, 79102 Freiburg i. Br. (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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(25) ja (26) ja

(30) 2003-91882 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CAPSULE TYPE ENDOSCOPE
• ENDOSCOPE DU TYPE CAPSULE

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

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(72, 75) FUJIMORI, Noriyuki [JP/JP]; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP). YOSHIZAWA, Fukashi [JP/JP]; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 YOSHIDA, Taishin [JP/JP]; c/o Olympus Corporation, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072

(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)⁷ A61B 1/00

(11) WO 2004/086957 (13) A2

(21) PCT/US2004/009464

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/406,149 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SINGLE USE ENDOSCOPIC IMAGING SYSTEM
• SYSTEME D'IMAGERIE ENDOSCOPIQUE A USAGE UNIQUE

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SCIMED Place, Maple Grove, MN 55411-1566 (US).
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(72) BANIK, Michael, S.; 119 Wilder Road, Bolton, MA 01740 (US). BOULAIS, Dennis, R.; 7 Shepard Hill Road, Danielson, CT 06239 (US). COUVILLON, Lucien, A., Jr.; 190 Nashawtuc Road, Concord, MA 01742 (US). CHIN, Albert, C., C.; 25 Bernard Street, Newton, MA 02461 (US). ANDERSON, Frank, J.; 11 York Road, Mansfield, MA 02048 (US). MACNAMARA, Francis, T.; 89 Needham Street, Apt 2335, Newton Highlands, MA 02461 (US). FANTONE, Stephen, D.; 340 Summer Street, Lynnfield, MA 01940 (US). BRAUNSTEIN, Daniel, J.; 43 Draper Avenue, Arlington, MA 02474 (US). ORBAND, Daniel, G.; 14 Stonecleave Road, Boxford, MA 01921 (US). SABER, Michael; 47 Pleasant Street, Stoneham, MA 02180 (US). HUNTER, Ian, W.; 6 Oakdale

Lane, Lincoln, MA 01773 (US). **COPPOLA, Patsy, A.**; 118 Davis Road, Bedford, MA 01730 (US). **KIROUAC, Andrew, P.**; 4 Comanche Circle, Chelmsford, MA 01824 (US). **CLARK, Richard, J.**; 4 Lee Ann Drive, Norfolk, MA 02056 (US). **WISEMAN, Richard, M.**; 21 High Rock Road, Wayland, MA 01778 (US). **MASON, Timothy, J.**; 12 West River Road, Uxbridge, MA 01569 (US). **MEHTA, Neil, R.**; 71 Glen Road, #3, Jamaica Plain, MA 02130 (US).

(74) **TULLETT, Rodney, C.**; 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61B 1/00**

(11) **WO 2004/086958** (13) A1

(21) PCT/US2004/009471

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

(25) en (26) en

(30) 10/406,336 **3 Apr/avr 2003** US
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **MAGNETICALLY PROPELLED CAPSULE ENDOSCOPY**
• **ENDOSCOPIE A CAPSULE PROPULSEE MAGNETIQUEMENT**

(71, 72) **WAKEFIELD, Glenn** [US/US]; 1416 East Carmen Street, Tempe, AZ 85283-4142 (US).

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

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

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(51)⁷ **A61B 1/005, 1/04, 1/018**

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(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **ENDOSCOPIC INSTRUMENT WITH TWO INDEPENDENT ARMS**

• **INSTRUMENT ENDOSCOPIQUE COMPORTANT DEUX BRAS INDEPENDANTS**

(71) **UNIVERSITA' CATTOLICA DEL SACRO CUORE** [IT/IT]; Largo Gemelli 1, I-20123 Milano (IT).

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(72, 75) **SPERA, Gianluca** [IT/IT]; c/o Università Cattolica del Sacro Cuore, Largo Gemelli 1, I-20123 Milano (IT).

(74) **ROMANO, Guiseppe** et al. / etc.; Società Italiana Brevetti S.p.A, Piazza di Pietra 39, I-00186 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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)⁷ **A61B 3/00, G02B 21/06**

(11) **WO 2004/086960** (13) A1

(21) PCT/EP2004/003089

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) de (26) de

(30) 103 14 944.9 **2 Apr/avr 2003** DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **ILLUMINATION AND IRRADIATION UNIT FOR OPHTHALMOLOGIC DEVICES**

• **UNITE D'ECLAIRAGE ET D'IRRADIATION POUR DES APPAREILS OPHTHALMOLOGIQUES**

(71) **CARL ZEISS MEDITEC AG** [DE/DE]; Göschwitzer Str. 51-52, 07745 Jena (DE).

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(72, 75) **LUTHER, Egon** [DE/DE]; Im Unterdorf 13, 07751 Cospeda (DE). **KOSCHMIEDER, Ingo** [DE/DE]; Erfurter Str. 56, 07743 Jena (DE). **BUCHHEISTER, Jan** [DE/DE]; Von Hase Weg 31, 07743 Jena (DE). **MÖHR, Falk** [DE/DE]; In den Steingelängen 3, 07751 Jena (DE).

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

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

(51)⁷ **A61B 3/06**

(11) **WO 2004/086961** (13) A1

(21) PCT/EP2004/003543

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) de (26) de

(30) 103 15 542.2 **4 Apr/avr 2003** DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **DEVICE FOR STUDYING COLOUR RESPONSE**

• **DISPOSITIF D'ETUDE DE LA SENSIBILITE CHROMATIQUE**

(71, 72) **REIS, Werner** [DE/DE]; Franz-Fihl Strasse 3d, 80992 München (DE).

(74) **RÖSLER, Uwe**; Landsberger Strasse 480a, 81241 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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(25) ja (26) ja

(30) 2003-96215 **31 Mar/mar 2003** JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **REFRACTION MEASURING INSTRUMENT**

• **REFRACTOMETRE**

(71) **KABUSHIKI KAISHA TOPCON** [JP/JP]; 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-8580 (JP).

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(72, 75) **MIHASHI, Toshifumi** [JP/JP]; c/o Kabushiki Kaisha Topcon, 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-8580 (JP).

(74) **MISAWA, Masayoshi**; Nippan Bldg. 2F, 15-8, 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).

(51)⁷ A61B 5/00

(11) WO 2004/086963 (13) A2

(21) PCT/AT2004/000117

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) A 509/2003 1 Apr/avr 2003 AT (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE AND METHOD FOR THE CONTINUOUS NON-INVASIVE MEASUREMENT OF BLOOD PRESSURE

• DISPOSITIF ET PROCÉDE POUR MESURE NON INVASIVE CONTINUE DE LA TENSION ARTERIELLE

(71) CNSYSTEMS MEDIZINTECHNIK GMBH [AT/AT]; Baumkircherstrasse 1, 8020 GRAZ (AT).

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(72, 75) SKRABAL, Falko [AT/AT]; Lindenhofweg 16, 8043 GRAZ (AT). FORTIN, Jürgen [AT/AT]; Baumkircherstrasse 1, 8020 GRAZ (AT).

(74) BABELUK, Michael; Mariahilfer Gürtel 39/17, 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).

(51)⁷ A61B 5/00

(11) WO 2004/086964 (13) A2

(21) PCT/GB2004/001439

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307526.4 1 Apr/avr 2003 GB (01.04.2003)

(30) 0316082.7 9 Jul/juil 2003 GB (09.07.2003)

(30) 0317386.1 24 Jul/juil 2003 GB (24.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LARGE AREA DETECTORS AND DISPLAYS

• AFFICHEURS ET DETECTEURS A GRANDE SURFACE

(71) COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS [GB/GB]; Daresbury Laboratory, CLIK Knowledge Transfer, Daresbury, Warrington, Cheshire WA4 4AD (GB).

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(74) PERKINS, Sarah et al. / etc.; Stevens Hewlett & Perkins, Halton House, 20/23 Holborn, London, Greater London EC1N 2JD (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)⁷ A61B 5/00, G01N 21/17

(11) WO 2004/086965 (13) A1

(21) PCT/IL2004/000289

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,973 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHOTOACOUSTIC ASSAY METHOD AND APPARATUS

• PROCÉDE D'ANALYSE PHOTOACOUSTIQUE ET APPAREIL

(71) GLUCON INC. [US/US]; C/O HOGAN & HARTSON, 555 Thirteenth Street NW, Columbia Square, Washington, DC 20004-1109 (US).

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(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).

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(21) PCT/US2001/012351

(22) 11 Apr/avr 2001 (11.04.2001)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CEREBRAL OXYGENATION MONITOR

• MONITEUR D'OXYGENATION CEREBRALE

(71) ROSE BIOMEDICAL DEVELOPMENT CORPORATION [US/US]; 4545 East Ninth Avenue, Suite 110, Denver, CO 80220 (US).

(72) WALKER, Stephen; 1472 Cassin Court, Boulder, CO 80303 (US).

(74) BEATON, Glenn, K. et al. / etc.; Gibson, Dunn & Crutcher, Suite 4100, 1801 California Street, Denver, CO 80202 (US).

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

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

(51)⁷ A61B 5/04

(11) WO 2004/086967 (13) A1

(21) PCT/US2004/009390

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,743 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INSTANTANEOUS AUTONOMIC NERVOUS FUNCTION AND CARDIAC PREDICTABILITY BASED ON HEART AND PULSE RATE VARIABILITY ANALYSIS

- FONCTION NERVEUSE AUTONOME INSTANTANEE ET PREVISIBILITE CARDIAQUE FONDEES SUR L'ANALYSE DE LA VARIABILITE DES FREQUENCES DU COEUR ET DU POULS

(71) **BIOTECHPLEX CORPORATION** [US/US]; 755 Nicholas Boulevard, Elk Grove Village, IL 60007-2508 (US).

(71, 72) **WONG, Lid, B.** [US/US]; 452 Ridgeland Avenue, Elmhurst, IL 60126 (US). **YEATES, Donovan, B.** [AU/US]; 907 W. Ainslie Apt. 3, Chicago, IL 60608 (US). **LI, Guanglin** [CN/US]; 3255 S. Carpenter, Chicago, IL 60608 (US). **CHANDRA, Tarun** [IN/US]; 7446 Korbel Drive, Gurnee, IL 60031 (US). **KIZHAKAYIL, Mahandras A.** [IN/US]; 2603 Sheehan Court #201, Naperville, IL 60564 (US).

(74) **KATZ, Martin, L.**; Wood, Phillips, Katz, Clark & Mortimer, 500 West Madison Street, Suite 3800, Chicago, IL 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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(25) en (26) en

(30) MI2003 A 000649 **1 Apr/avr 2003** IT (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- INTEGRATED STRUCTURE FOR DETECTING PHYSIOLOGICAL SIGNALS
- STRUCTURE INTEGREE PERMETTANT DE DETECTER DES SIGNAUX PHYSIOLOGIQUES

(71) **FONDAZIONE DON CARLO GNOCCHI - ONLUS** [IT/IT]; Piazzale Rodolfo Morandi, 6, I-20121 Milano (IT).
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(72, 75) **DI RIENZO, Marco** [IT/IT]; Viale Campania, 30, I-20133 Milano (IT). **PICCINI, Luca** [IT/IT]; Via Sannio, 18, I-20135 Milano (IT). **CASTIGLIONI, Paolo** [IT/IT]; Via Ravasi, 18, I-21100 Varese (IT). **ANDREONI, Guiseppe** [IT/IT]; Via Italia, 93, I-20053 Muggio' (IT). **PEDOTTI, Antonio** [IT/IT]; Via Amedeo d'Aosta, 15, I-20129 Milano (IT).

(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ **A61B 5/055**

(11) **WO 2004/086969** (13) A1

(21) PCT/US2004/009426

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/458,681 **27 Mar/mar 2003** US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- IN VIVO BRAIN ELASTICITY MEASUREMENT BY MAGNETIC RESONANCE ELASTOGRAPHY WITH VIBRATOR COIL
- MESURE D'ELASTICITE CEREBRALE IN VIVO PAR ELASTOGRAPHIE PAR RESONANCE MAGNETIQUE AU MOYEN D'UNE BOBINE VIBRATOIRE

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF HEALTH AND HUMAN SERVICES** [US/US]; National Institutes of Health, Office of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US).
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(72, 75) **MOORE, David, F.** [IE/US]; 302 Gruenther Avenue, Rockville, MD 20851 (US). **GOLDSTEIN, Seth** [US/US]; 7103 Laverock Lane, Bethesda, MD 20817 (US). **PURSLEY, Randall** [US/US]; 12512 Great Park Circle #202, Germantown, MD 20876 (US). **TALAGALA, Lalith** [LK/US]; 7 Bentley Court, Rockville, MD 20850-2920 (US).

(74) **HYNES, William, M.** 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).

Published / Publiée : (c)

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

(51)⁷ **A61B 5/15, A61L 2/00**

(11) **WO 2004/086970** (13) A1

(21) PCT/EP2004/003441

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 103 15 544.9 **4 Apr/avr 2003** DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- METHOD FOR PRODUCING A PUNCTURING AND MEASURING DEVICE
- PROCEDE DE PRODUCTION D'UN DISPOSITIF DE PERFORATION ET DE MESURE

(71) **ROCHE DIAGNOSTICS GMBH** [DE/DE]; Sandhofer Str. 116, 68305 Mannheim (DE).
(only for / seulement pour DE)

(71) **F. HOFFMANN-LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).
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(72, 75) **HOENES, Joachim** [DE/DE]; Rodauer Str. 50a, 64673 Zwingenberg (DE). **ZIMMER, Volker** [DE/DE]; Wilhelmstrasse 64, 69221 Dossenheim (DE).

(74) **HÖRSCHLER, Wolfram**; Isenbruck Bösl Hörschler Wichmann, Huhn, Patentanwälte, 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 VN YU ZA ZM ZW.

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

(u) *for / pour US only / seulement*(51)⁷ A61B 5/15

(11) WO 2004/086971 (13) A1

(21) PCT/JP2004/004748

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003-095575 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BLOOD COLLECTING DEVICE AND METHOD OF FIXING IT

• DISPOSITIF DE PRELEVEMENT SANGUIN ET SON PROCEDE DE FIXATION

(71) JMS CO. LTD. [JP/JP]; 12-17, Kakomachi, Naka-ku, Hiroshima-shi, Hiroshima 7308652 (JP).

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(72, 75) FUJII, Ryoji

(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)⁷ A61B 6/00

(11) WO 2004/086972 (13) A2

(21) PCT/US2004/009165

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,599 25 Mar/mar 2003 US (25.03.2003)

(30) 60/478,454 13 Jun/juin 2003 US (13.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS FOR THE COMPENSATION OF IMAGING TECHNIQUE IN THE PROCESSING OF RADIOGRAPHIC IMAGES

• PROCEDES DE COMPENSATION DE TECHNIQUE D'IMAGERIE DANS LE TRAITEMENT D'IMAGES RADIOGRAPHIQUES

(71) IMAGING THERAPEUTICS, INC. [US/US]; 1720 South Amphlett Boulevard, Suite 240, San Mateo, California 94402 (US).

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

(72, 75) LANG, Philipp [DE/US]; 7 Fair Oaks Terrace, Lexington, Massachusetts 02421 (US). STEINES, Daniel [DE/US]; 3619 Park Boulevard, Palo Alto, California 94306

(US). LIEW, Siau-Way [MY/US]; 901 Sunnyview Drive, Pinole, California 94564 (US). VARGAS-VORACEK, Rene [BO/US]; 124 Piedra Drive, Sunnyvale, California 94086 (US).

(74) PASTERNAK, Dahna et al. / etc.; ROBINS & PASTERNAK LLP, 1731 Embarcadero Road, Suite 230, Palo Alto, California 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)⁷ A61B 7/00, 1/267, 5/113

(11) WO 2004/086973 (13) A1

(21) PCT/EP2004/003154

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 203 05 277.3 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE AND METHOD FOR ANALYZING AND MONITORING SOUNDS OF THE HUMAN OR ANIMAL BODY, E.G. SNORING SOUNDS

• PROCEDE ET DISPOSITIF POUR ANALYSER ET SURVEILLER DES BRUITS DU CORPS HUMAIN OU ANIMAL, PAR EX. LE RONFLEMENT

(71, 72) HOHENHORST, Winfried [DE/DE]; Hans-Niemeyer-Strasse 2, 45133 Essen (DE).

(74) LELGEMANN, Karl, Heinz; Haumanplatz 4, 45130 Essen (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)⁷ A61B 8/00

(11) WO 2004/086974 (13) A1

(21) PCT/US2003/004894

(22) 19 Feb/fév 2003 (19.02.2003)

(25) en (26) en

(30) 60/358,103 15 Feb/fév 2002 US (15.02.2002)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DETECTION OF TISSUE ABNORMALITIES USING ULTRASONIC SCANNING

• DETECTION D'ANOMALIES TISSULAIRES PAR ECHOGRAPHIE

(71) ULTRATOUCH CORPORATION [US/US]; 1135 Kildaire Farm Road, Suite 200, Cary, NC 27511 (US).

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(72, 75) BREMNER-GARWIN, Tabatha [US/US]; 109 Aldeburgh Court, Holly Springs, NC 27540-7551 (US). GARWIN, Jeffrey, L. [US/US]; 109 Aldeburgh Court, Holly Springs, NC 27540 (US).

(74) ZAHNER, Alfred, W. 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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 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 SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61B 8/12

(11) WO 2004/086975 (13) A1

(21) PCT/JP2004/004471

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-096244 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ULTRASONIC PROBE

• SONDE ULTRASONORE

(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) HASEGAWA, ShigeyoshiFUJII, KiyoshiSAKAGAITO, Yukuo

(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)⁷ A61B 05/00

(11) WO 2004/086976 (13) A1

(21) PCT/US2004/009146

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/458,100 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BLOOD FLOW MONITOR WITH VE-
NOUS AND ARTERIAL SENSORS

• APPAREIL DE CONTROLE DU DEBIT
SANGUIN COMPORTANT DES CAP-
TEURS VEINEUX ET ARTERIELS

(71) THERMAL TECHNOLOGIES, INC.
[US/US]; 222 Third Street, Suite T123, Cam-
bridge, MA 02142 (US).

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les États désignés sauf US)*

(72, 75) BOWMAN, Frederick, H. [US/US];
101 Edwardel Road, Needham, MA
02492-4001 (US).

(74) JAMES, Neal, L.; 5403 Braebourne Road,
Rogers, AR 72758 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ A61B 10/00, 17/34, G01N 1/08

(11) WO 2004/086977 (13) A1

(21) PCT/EP2004/003327

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 203 05 093.2 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COAXIAL CANNULA PROVIDED
WITH A SEALING ELEMENT

• CANULE COAXIALE AVEC ELEMENT
D'ETANCHEITE

(71) BARD DUBLIN ITC LIMITED [GB/GB];
Forest House, Brighton Road, Crawley, West
Sussex RH11 9BP (GB).

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les États désignés sauf US)*

(72, 75) HESKE, Norbert, F. [DE/DE]; Dorf-
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HESKE, Thomas [DE/DE]; Kirchstrasse 43,
82284 Grafrath (DE).

(74) TOMLINSON, Edward; Frohwitter, Pos-
sartstrasse 20, 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).

(51)⁷ A61B 10/00

(11) WO 2004/086978 (13) A1

(21) PCT/EP2004/003328

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 14 240.1 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRESSURE GENERATING UNIT

• UNITE DE GENERATION DE PRES-
SION

(71) BARD DUBLIN ITC LIMITED [GB/GB];
Forest House, Brighton Road, Crawley, West
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(72, 75) HESKE, Norbert, F. [DE/DE]; Dorf-
strasse 22 a, 82288 Kottgeisering (DE).
HESKE, Thomas [DE/DE]; Kirchstrasse 43,
82284 Grafrath (DE).

(74) TOMLINSON, Edward; Frohwitter, Pos-
sartstrasse 20, 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 DK
DM DZ EC EE EG ES FI GB GD GE GH GM

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ A61B 10/00, B01L 3/00, C12M 1/30,
A61M 35/00

(11) WO 2004/086979 (13) A1

(21) PCT/EP2004/003392

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) MI2003A000643 1 Apr/avr 2003 IT (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SWAB FOR COLLECTING BIOLOGI-
CAL SPECIMENS

• ECOUVILLON POUR LA COLLECTE
DE SPECIMENS BIOLOGIQUES

(71) COPAN INNOVATION LIMITED [IE/IE];
6 O'Curry Street, Limerick (IE).

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

(72, 75) TRIVA, Daniele [IT/IT]; Via dei Prati
22/A, I-25073 Bovezzo (IT).

(74) APPOLONI, Romano; Notarbartolo & Ger-
vasi 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 10/00

(11) WO 2004/086980 (13) A1

(21) PCT/GB2004/001101

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 0307453.1 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COLLECTION SYSTEM FOR MAM-
MARY FLUIDS

• SYSTEME DE PRELEVEMENT DE
FLUIDES MAMMAIRES

(71) **PSIMEDICA LIMITED** [GB/GB]; Stephenson Harwood, One St Paul's Church Yard, London EC4M 8SH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TORABI-POUR, Nasrollah** [GB/GB]; Malvern Hills Science Park, Geraldine Road., Malvern., Worcs WR14 3SZ (GB). **DRAGE, Debbie** [GB/GB]; Malvern Hills Science Park, Geraldine Road, Malvern., Worcs WR14 3SZ (GB). **SAFFIE, Roghieh** [GB/GB]; Malvern Hills Science Park, Geraldine Road., Malvern., Worcs WR14 3SZ (GB). **CANHAM, Leigh, Trevor** [GB/GB]; Malvern Hills Science Park, Geraldine Road, Malvern., Worcs WR14 3SZ (GB).

(74) **BOWDERY, A., O.**; Qinetiq Limited, IP Formalities, Cody Technology Park, A4 Building, Ively Road, Farnborough, Hampshire GU14 0LX (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 :

(u) for / pour US only / seulement

(51)⁷ **A61B 17/00, 19/00**

(11) **WO 2004/086981** (13) A1

(21) PCT/BR2003/000050

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **SURGICAL METHOD AND AUXILIARY DEVICE TO CORRECT PENIS CURVATURE**
• METHODE CHIRURGICALE ET DISPOSITIF AUXILIAIRE PERMETTANT DE CORRIGER LA COURBURE DU PENIS

(71, 72) **EGYDIO, Paulo, H.** [BR/BR]; Al. dos Guaramomis 662, ap. 11, 04076-011 São Paulo, SP (BR).

(74) **GAIRSA, Lucas, M. et al. / etc.**; Av. Brig. Faria Lima 1485, 12 andar, 01451-904 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 ES FI GB GD GE GH GM HR HU ID 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 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)⁷ **A61B 17/00**

(11) **WO 2004/086982** (13) A2

(21) PCT/IL2004/000296

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 155222 **3 Apr/avr 2003** IL
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **AN IMPLANT FOR TREATING IDIOPATHIC SCOLIOSIS AND A METHOD FOR USING THE SAME**

• IMPLANT UTILISE POUR TRAITER LA SCOLIOSE IDIOPATHIQUE ET METHODE D'UTILISATION DE CE DERNIER

(71) **HADASIT MEDICAL RESEARCH SERVICES & DEVELOPMENT LIMITED** [IL/IL]; Kiryat Hadassah, P.O. Box 12000, 91120 Jerusalem (IL).

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(72, 75) **SIMANOVSKY, Naum** [IL/IL]; 81 Beit Horon Street, 90935 Zfon Yehuda (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)⁷ **A61B 17/04, A61F 2/00**

(11) **WO 2004/086983** (13) A1

(21) PCT/EP2004/003598

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 60/460,492 **3 Apr/avr 2003** US
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **SURGICAL IMPLANT SYSTEM FOR TREATING FEMALE URINARY INCONTINENCE**

• SYSTEME D'IMPLANT CHIRURGICAL POUR LE TRAITEMENT DE L'INCONTINENCE URINAIRE CHEZ LA FEMME

(71) **ETHICON GMBH** [DE/DE]; Robert-Koch-Str. 1, 22851 Norderstedt (DE).

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(74) **BOTH, Georg, et al. / etc.**; Uexküll & Stolberg, Beselerstr. 4, 22607 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).

(51)⁷ **A61B 17/11**

(11) **WO 2004/086984** (13) A1

(21) PCT/GB2004/001350

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 0307826.8 **4 Apr/avr 2003** GB
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **A DEVICE FOR TRANSFIXING AND JOINING TISSUE**

• DISPOSITIF SERVANT A TRANSFIXIER ET A ASSEMBLER DES TISSUS

(71) **UCL BIOMEDICA PLC** [GB/GB]; Finance, University College London, Gower Street, London WC1E 6BT (GB).
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(74) **ELKINGTON AND FIFE LLP**; 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).

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(51)⁷ **A61B 17/11, 17/115**

(11) **WO 2004/086985** (13) A1

(21) PCT/US2004/009688

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/459,234 28 Mar/mar 2003 US
(28.03.2003)(30) 60/519,534 12 Nov/nov 2003 US
(12.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS FOR MAKING ANASTOMOTIC CONNECTIONS LARGER THAN THE GRAFT CONDUIT

- DISPOSITIF DE REALISATION DE RACCORDEMENT ANASTOMOTIQUE PLUS LARGE QUE LE CONDUIT DE GREFFE

(71) ST JUDE MEDICAL ATG, INC. [US/US]; 6500 Wedgwood Road, Maple Grove, MN 55311 (US).

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(71, 72) PETERSON, Alex [US/US]; 17650 82nd Way North, Maple Grove, MN 55311 (US).

(72, 75) BAKER, Matthew [US/US]; 3825 N. Yellowstone Ct., Plymouth, MN 55446 (US).
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 COSTELLO, Dave [US/US]; 7355 Shoreline Dr., Waconia, MN 55387 (US).
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 LOGAN, John [US/US]; 11614 Sunset Trail, Plymouth, MN 55411 (US).

(74) JACKSON, Robert, R. 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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(51)⁷ A61B 17/12

(11) WO 2004/086986 (13) A1

(21) PCT/US2004/009474

(22) 28 Mar/mar 2004 (28.03.2004)

(25) en (26) en

(30) 60/458,721 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LEVERAGE LOCKING REVERSIBLE CYCLIC SUTURING AND KNOT-TYING DEVICE

- DISPOSITIF DE FICELAGE DE NOEUDS ET DE SUTURE CYCLIQUE REVERSIBLE A VERROUILLAGE PAR BRAS DE LEVIER

(71) GIBBENS & BORDERS, LLC [US/US]; 409 Forest Avenue, Shreveport, LA 71104-4401 (US).

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(71) GIBBENS, Susan, Duke (executrix for the deceased inventor / exécutrice testamentaire pour l'inventeur décédé) [US/US]; 409 Forest Avenue, Shreveport, LA 71104-4401 (US).
 (only for / seulement pour US)

(72) GIBBENS, George, Hathaway, III (deceased / décédé).

(74) NAIFEH, Bill, R.; 12655 N. Central Expressway, 10th Floor, Suite 1014, LB 55, Dallas, TX 75243 (US).

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

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

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(51)⁷ A61B 17/28

(11) WO 2004/086987 (13) A1

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(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,086 26 Mar/mar 2003 US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ENERGY STORED IN SPRING WITH CONTROLLED RELEASE
 • ENERGIE STOCKEE DANS UN RESORT A LIBERATION CONTROLEE

(71) TYCO HEALTHCARE GROUP, LP [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).

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(72, 75) VIOLA, Frank, J. [US/US]; 320 Greatquarter Road, Sandy Hook, CT 06482 (US).

(74) MOYLES, Lisa, J. et al. / etc.; United States Surgical, A Division of Tyco Healthcare Group LLP, 150 Glover Avenue, Norwalk, CT 06856 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/086988 (13) A1

(21) PCT/IT2003/000205

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OSTEOTOM
 • OSTEOTOME

(71) CAROLI, Fabrizio [IT/IT]; c/o Studio radiologico Preneste, Via dell'Acqua Bullicante, 316, I-00177 Roma (IT).
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(71, 72) RAUS, Laura [IT/IT]; Via Principe Eugenio, 23, I-00185 Roma (IT).

(74) PAPA, Elisabetta et al. / etc.; Società Italiana Brevetti S.p.A., Piazza di Pietra, 39, I-00186 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 ES FI GB GD GE GH GM HR HU ID 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)⁷ A61B 17/68, 17/86

(11) WO 2004/086989 (13) A1

(21) PCT/CH2003/000215

(22) 2 Apr/avr 2003 (02.04.2003)

(25) de (26) de

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BONE SCREW COMPRISING ANGLE-VARIABLE FIXING MEANS
 • VIS D'OSTEOSYNTHESE A MOYENS DE FIXATION A ANGLE VARIABLE

(71) STRATEC MEDICAL AG [CH/CH]; Eimattstrasse 3, CH-4436 Oberdorf (CH).
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(72, 75) MUNRO, Chad [CA/CA]; 5969 College Street, Apartment 5, Halifax, Nova Scotia B3H 1X6 (CA).

(74) LUSUARDI, Werther; Dr. Lusuardi AG, Kreuzbühlstrasse 8, CH-8008 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 ES FI GB GD GE GH GM HR HU ID 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)⁷ A61B 17/80

(11) WO 2004/086990 (13) A1

(21) PCT/CH2004/000188

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 592/03 3 Apr/avr 2003 CH
(03.04.2003)

(30) 1621/03 23 Sep/sep 2003 CH
(23.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HOUSING FOR A LOCKING ELEMENT AND LOCKING ELEMENT

• LOGEMENT POUR UN ELEMENT DE BLOCAGE ET ELEMENT DE BLOCAGE

(71) MEDARTIS AG [CH/CH]; Austrasse 24, CH-4051 Basel (CH).

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(72, 75) PFEFFERLE, Joachim [DE/DE]; Krumlinden 20, 79244 Münsertal (DE). ZEUNER, Hermann [DE/DE]; Freda-Wuesthoff-Weg 15, 79111 Freiburg (DE). SCHEUBLE, Peter [DE/DE]; Im Hofacker 1, 79418 Schliengen (DE). WALTER, Matthias [DE/DE]; Gartenstrasse 10, 79312 Emmendingen (DE). THIEL, Dirk [DE/DE]; Etzenbach 18, 79219 Staufen (DE).

(74) A. BRAUN BRAUN HERITIER ESCHMANN AG; Holbeinstrasse 36-38, CH-4051 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 17/86

(11) WO 2004/086991 (13) A1

(21) PCT/CH2003/000221

(22) 3 Apr/avr 2003 (03.04.2003)

(25) de (26) de

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BONE SCREW

• VIS D'OSTEOSYNTHESE

(71) STRATEC MEDICAL AG [CH/CH]; Eimattstrasse 3, CH-4436 Oberdorf (CH).

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(74) LUSUARDI, Werther; Dr. Lusuardi AG, Kreuzbühlstrasse 8, CH-8008 Zürich (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 PH PL PT 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)⁷ A61B 18/14

(11) WO 2004/086992 (13) A1

(21) PCT/US2004/009610

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,489 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,490 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,491 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,643 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,856 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • JUNCTION OF CATHETER TIP AND ELECTRODE

• JONCTION DE POINTE DE CATHETER ET D'ELECTRODE

(71) C.R. BARD, INC. [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

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(72, 75) STEVENS-WRIGHT, Debbie [US/US]; 175 Candlestick Road, North Andover, MA 01845 (US).

(74) MORRIS, James, H.; 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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(30) 60/458,489 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,490 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,491 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,643 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,856 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR ADJUSTING ELECTRODE DIMENSIONS

• PROCEDE ET APPAREIL PERMETTANT DE REGLER LES DIMENSIONS D'ELECTRODES

(71) C.R. BARD, INC. [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

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(72, 75) STEVENS-WRIGHT, Debbie [US/US]; 175 Candlestick Road, North Andover, MA 01845 (US). AMARA, Ryan [US/US]; 57 Beech Street, Tewksbury, MA 01876 (US). BROWN, Erik [US/US]; 10928 SW Collina Avenue, Portland, OR 97219 (US). MACADAM, David [US/US]; 5 Cyndy Lane, Millbury, MA 01527 (US).

(74) MORRIS, James, H.; 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)⁷ A61B 18/14

(11) WO 2004/086994 (13) A1

(21) PCT/US2004/009619

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,491 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,489 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,490 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,643 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/458,856 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD AND APPARATUS FOR ELECTROSURGICAL ABLATION
- PROCEDE ET APPAREIL D'ABLATION ELECTROCHIRURGICAL

(71) C.R. BARD, INC. [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).
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(72, 75) SAGON, Stephen, W. [US/US]; 129 Mack Hill Road, Amherst, NH 03031 (US). STEVENS-WRIGHT, Debbie [US/US]; 175 Candlestick Road, North Andover, MA 01845 (US). MORGAN, John [GB/GB]; Wessex Cardiac Center, Southampton University Hosp, ital, E level, Room 133A, Trmona Road Southampton S016 6YD (GB).

(74) MORRIS, James, H.; 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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(25) en (26) en

(30) 60/458,489 28 Mar/mar 2003 US (28.03.2003)

(30) 60/458,490 28 Mar/mar 2003 US (28.03.2003)

(30) 60/458,491 28 Mar/mar 2003 US (28.03.2003)

(30) 60/458,643 28 Mar/mar 2003 US (28.03.2003)

(30) 60/458,856 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD AND APPARATUS FOR SELECTING OPERATING PARAMETER VALUES IN ELECTROPHYSIOLOGY PROCEDURES

- PROCEDE ET APPAREIL PERMETTANT DE SELECTIONNER LES VALEURS DES PARAMETRES DE FONCTIONNEMENT DANS DES PROCEDURES D'ELECTROPHYSIOLOGIE

(71) C.R. BARD, INC. [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).
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(72, 75) STEVENS-WRIGHT, Debbie [US/US]; 175 Candlestick Road, North Andover, MA 01845 (US).

(74) MORRIS, James, H.; 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).

Published / Publiée : (c)

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(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-095905 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SURGICAL OPERATION DEVICE
- DISPOSITIF D'OPERATION CHIRURGICALE

(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) GOTANI, Hiroyuki

(74) HARA, Kenzo; Harakenzo World Patent & Trademark Patent Law Firm, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ A61B 19/00

(11) WO 2004/086997 (13) A1

(21) PCT/US2004/009584

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,222 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • APPARATUS AND METHOD FOR DETECTING OBJECTS USING TAGS AND WIDEBAND DETECTION DEVICE

- DISPOSITIF DE DETECTION DE LARGE BANDE CONCU POUR DETECTER DES OBJETS AU MOYEN DE MARQUES

(71, 72) BLAIR, William, A. [US/US]; 4372 Corte De La Fonda, San Diego, CA 92130 (US). PORT, Jeffrey, L. [US/US]; 350 E. 79th Street, Apt. 20D, New York, NY 10021 (US).

(74) ANAGNOS, Larry, N.; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (US).

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

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

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(51)⁷ A61C 1/07

(11) WO 2004/086998 (13) A1

(21) PCT/BR2003/000190

(22) 9 Dec/déc 2003 (09.12.2003)

(25) en (26) en

(30) MU8300460-2 2 Apr/avr 2003 BR (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • ULTRASONIC CHISEL
- CISEAU A ULTRASONS

(71, 72) MASSI, Osvaldo, Maximiliano [AR/BR]; Rua Santa Clara, 50 Sala 421, Copacabana, 22041-010 Rio de Janeiro (BR).

(74) MASSI, Osvaldo, Maximiliano; Rua Santa Clara, 50 Sala 421, Copacabana, 22041-010 Rio de Janeiro (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 ES FI GB GD GE GH GM HR HU ID 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 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 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)

(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 UZ VC
VN YU ZA ZM ZW AP (BW GH GM KE LS MW
MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG
KZ MD RU TJ TM) EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU MC
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)⁷ A61C 13/00

(11) WO 2004/086999 (13) A1

(21) PCT/CH2004/000212

(22) 3 Apr/avr 2004 (03.04.2004)

(25) de (26) de

(30) 619/03 4 Apr/avr 2003 CH
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING DENTAL
PROSTHESES
• PROCEDE DE FABRICATION DE PRO-
THESES DENTAIRES

(71) XAWEX AG [CH/CH]; Bruggacherstrasse
26, CH-8117 Fällanden (CH).
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les États désignés sauf US)

(72, 75) BRODBECK, Urs [CH/CH]; Pflug-
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GUBLER, Daniel [CH/CH]; Im Haufland
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(74) BOLIS, Giacomo, F.; Wehntalerstrasse 102,
Postfach, CH-8046 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)⁷ A61C 13/00, 7/00

(11) WO 2004/087000 (13) A1

(21) PCT/IL2004/000290

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/459,624 3 Apr/avr 2003 US
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR FABRI-
CATING A DENTAL COPING, AND A
COPING FABRICATED THEREBY
• PROCEDE ET SYSTEME DE FABRI-
CATION D'UNE CHAPE DENTAIRE ET
CHAPE DENTAIRE AINSI FABRIQUEE

(71) CADENT LTD. [IL/IL]; 14 Hamelacha
Street, Or Yehuda, 60372 (IL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOPELMAN, Avi [IL/IL]; 8 Ido Street,
Ramat Gan, 52233 (IL). TAUB, Eldad
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(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)⁷ A61C 15/00

(11) WO 2004/087001 (13) A1

(21) PCT/US2004/009378

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,433 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ORAL HYGIENE APPARATUSES
• APPAREIL D'HYGIENE BUCCALE

(71, 72) BOWSHER, M., William [US/US];
P.O. Box 194, Lincoln, MA 01773 (US).

(74) O'CONNELL, Thomas, P.; O'Connell Law
Office, Suite 10, 135 Cambridge Street,
Burlington, MA 01803 (US).

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

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

(51)⁷ A61C 17/02

(11) WO 2004/087002 (13) A1

(21) PCT/US2004/009654

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/405,743 2 Apr/avr 2003 US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • UNIT DOSE APPLICATOR WITH MA-
TERIAL CHAMBER

• APPLICATEUR DE DOSE UNITAIRE
POURVU D'UNE CAVITE DE MATE-
RIAU

(71) CENTRIX, INC. [US/US]; 770 River Road,
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(72) ROWE, Gordon; 111 Staffordshire Com-
mons, Wallingford, CT 06429 (US). DRA-
GAN, William, B.; 85 Burr Street, Easton,
CT 06612 (US).

(74) FATTIBENE, Paul, A.; Fattibene and Fat-
tibene, 2480 Post Road, Southport, CT 06890
(US).

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

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

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(51)⁷ A61C 17/22

(11) WO 2004/087003 (13) A1

(21) PCT/KR2004/000700

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ko (26) en

(30) 20-2003-0009536 29 Mar/mar 2003 KR
(29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TOOTH CLEARING APPARATUS
• APPAREIL DE NETTOYAGE DEN-
TAIRE

(71, 72) KIM, Nam-Ki [KR/KR]; 302,
Jangmi-villa, 294-17, Ssangmun 1 dong,
Dobong, -gu, Seoul 132-877 (KR).

(74) OH, Jong-Il; #401, Myeongsin Bdlg.,
637-24, Yeoksam-Dong, Gangnam-Gu,
Seoul 135-909 (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)⁷ A61F

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(25) en (26) en

(30) PA 2003 00489 31 Mar/mar 2003 DK (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN ADHESIVE PATCH

• PIECE ADHESIVE

(71) COLOPLAST A/S [DK/DK]; Høltedam 1, DK-3050 Humlebaek (DK).
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(72, 75) OELUND, Jakob [DK/DK]; Egevangen 76, DK-3450 Allerød (DK). SLETTEN, Carsten [DK/DK]; Svend Poulsens Vej 26, DK-3060 Espergærde (DK).

(74) COLOPLAST A/S; Att.: Patent Department, Mette Winther Sørensen, Høltedam 1, DK-3050 Humlebaek (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).

(51)⁷ A61F

(11) WO 2004/087005 (13) A2

(21) PCT/US2004/008753

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/401,089 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BONE FRACTURE FIXATION SYSTEM WITH SUBCHONDRAL AND ARTICULAR SURFACE SUPPORT

• SYSTEME DE FIXATION DE FRACTURE OSSEUSE PRESENTANT UN

SUPPORT DE SURFACE SOUS-CHONDRALE ET ARTICULAIRE

(71) HAND INNOVATIONS, INC. [US/US]; 8905 S.W. 87th Avenue, Miami, FL 33176 (US).

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

(72) Orbay, Jorge, L.; 390 Campana Avenue, Miami, FL 33156 (US).

(74) Jacobson, David, S. et al. / etc.; Gordon & Jacobson, P.C., 65 Woods end Road, Stamford, CT 06905 (US).

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

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

(51)⁷ A61F

(11) WO 2004/087006 (13) A2

(21) PCT/US2004/008909

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/458,323 26 Mar/mar 2003 US (26.03.2003)

(30) 60/462,219 10 Apr/avr 2003 US (10.04.2003)

(30) 10/746,452 24 Dec/déc 2003 US (24.12.2003)

(30) 10/745,778 24 Dec/déc 2003 US (24.12.2003)

(30) 10/746,455 24 Dec/déc 2003 US (24.12.2003)

(30) 10/792,684 2 Mar/mar 2004 US (02.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPLANT DELIVERY TECHNOLOGIES

• TECHNOLOGIES DE DISTRIBUTION D'IMPLANTS

(71) CARDIOMIND, INC. [US/US]; Suite 111, 1235 Pear Avenue, Mountain View, CA 94304 (US).

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

(72, 75) NIKOLCHEV, Julian [US/US]; 251 Duranzo Way, Portola Valley, CA 94028 (US). TON, Dai T. [US/US]; 1514 Mt. Diablo Avenue, Milpitas, CA 95035 (US). GEORGE, William R. [US/US]; 435 Oxford Way, Santa Cruz, CA 95060 (US). DE BEER, Nick [US/US]; P.O. Box 371373, Montara, CA 94037 (US).

(74) LASALLE, Carol; 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)⁷ A61F

(11) WO 2004/087007 (13) A2

(21) PCT/US2004/009152

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,735 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HYDROGEL STRING MEDICAL DEVICE

• DISPOSITIF MEDICAL DE FIL EN HYDROGEL

(71) BIOCURE, INC. [US/US]; 2975 Gateway Drive, Suite 100, Norcross, GA 30071 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) CHAOUK, Hassan [AU/US]; 3062 Dunn Street, Smyrna, GA 30080 (US). ASFAW, Bruktawit, T. [ET/US]; 3062 Wyntree Drive, Norcross, GA 30071 (US).

(74) BEARD, Collen, A.; Law Office of Collen A. Beard LLC, P.O. Box 1064, Decatur, GA 30031-1064 (US).

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

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

(51)⁷ A61F

(11) WO 2004/087008 (13) A2

(21) PCT/US2004/009322

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/400,748 26 Mar/mar 2003 US (26.03.2003)

(30) 10/400,276 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEARING ASSISTIVE APPARATUS HAVING SOUND REPLAY CAPABILITY

- APPAREIL D'ASSISTANCE AUDITIVE
POSSEDANT UNE CAPACITE DE RE-
PRODUCTION DES SONS
- (63) US 10/157,750 (CIP)
28 May/mai 2002 (28.05.2002)
- (71, 72) BLUMENAU, Trevor [US/US]; 1409
Pagewynne Drive, Plano, TX 75093 (US).
- (74) GRAHAM, David; 1337 Chewpon Avenue,
Milpitas, CA 95035 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61F
- (11) WO 2004/087009 (13) A2
- (21) PCT/US2004/009519
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/458,197 27 Mar/mar 2003 US
(27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MAPPING AND TRACKING BLOOD
FLOW USING REDUCED-ELEMENT
PROBE
- REPRESENTATION ET SUIVI D'UN
FLUX SANGUIN A L'AIDE D'UNE
SONDE A ELEMENTS DE DIMEN-
SION REDUITE
- (71) VUESONIX SENSORS, INC. [US/US];
997 Old Eagle School Road, Suite 207,
Wayne, PA 19087 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) HERZOG, Donald [US/US]; 148 Fern
Avenue, Collingswood, NJ 08108 (US).
ABEND, Kenneth [US/US]; 623 Killdeer
Lane, Huntingdon Valley, PA 19006 (US).
- (74) KIM, John, K.; McCarter & English, LLP,
Four Gateway Center, 100 Mulberry Street,
Newark, NJ 07102-4056 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ A61F
- (11) WO 2004/087010 (13) A2
- (21) PCT/US2004/009541
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 10/401,927 28 Mar/mar 2003 US
(28.03.2003)
- (30) 10/639,347 12 Aug/août 2003 US
(12.08.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • BLOOD-FLOW-OCCLUDING, TEM-
PERATURE-SENSING CATHETERS
AND METHODS OF USE
- CATHETER POUR DETECTION DE
TEMPERATURE, BLOQUANT LE
FLUX SANGUIN ET PROCEDES
D'UTILISATION
- (71) ACCUMED SYSTEMS [US/US]; 6109
Jackson Road, Ann Arbor, MI 48103 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) KOROTKO, Joseph, R. [US/US];
36117 Howell, Livonia, MI 48154 (US).
- (74) POSA, John, G. et al. / etc.; Gifford, Krass,
Groh, Sprinkle, Anderson & Citkowski, P.C.,
280 N. Old Woodward Ave., Suite 400, Birm-
ingham, 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).
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- (51)⁷ A61F 2/00
- (11) WO 2004/087011 (13) A2
- (21) PCT/US2004/009652
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 10/402,893 28 Mar/mar 2003 US
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • THERAPEUTIC AGENT DELIVERY
DEVICE WITH CONTROLLED THER-
APEUTIC AGENT RELEASE RATES
- DISPOSITIF D'ADMINISTRATION
D'AGENTS THERAPEUTIQUES A
CONTROLE DE VITESSE DE LIBERA-
TION
- (71) CONOR MEDSYSTEMS, INC. [US/US];
1003 Hamilton Court, Menlo Park, CA 94025
(US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) SHANLEY, John, F. [US/US]; 401
Camberly Way, Redwood City, CA 94061
(US). PARKER, Theodore, J. [US/US]; 634
Dunhill Place, Danville, CA 94506 (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).
-
- (51)⁷ A61F 2/04
- (11) WO 2004/087012 (13) A1
- (21) PCT/JP2004/004620
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-094399 31 Mar/mar 2003 JP
(31.03.2003)
- (30) 2003-383432 13 Nov/nov 2003 JP
(13.11.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • COMPOSITE OF SUPPORT SUB-
STRATE AND COLLAGEN, AND
PROCESS FOR PRODUCING SUP-
PORT SUBSTRATE AND COMPOSITE
- COMPOSITE FORME D'UN SUBSTRAT
DE SUPPORT ET DE COLLAGENE,
PROCEDE DE PRODUCTION DU SUB-
STRAT DE SUPPORT ET DU COMPO-
SITE
- (71) TEIJIN LIMITED [JP/JP]; 6-7, Minami-
hommachi 1-chome, Chuo-ku, Osaka-shi
Osaka 5410054 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) KITAZONO, Eiichi [JP/JP]; c/o Tei-
jin Limited, Tokyo Research Center, 3-2,
Asahigaoka 4-chome, Hino-shi, Tokyo,
1910065 (JP). MIYOSHI, Takanori [JP/JP];
c/o Teijin Limited, Tokyo Research Center,
3-2, Asahigaoka 4-chome, Hino-shi, Tokyo,
1910065 (JP). KANEKO, Hiroaki [JP/JP];
c/o Teijin Limited, Tokyo Research Center,
3-2, Asahigaoka 4-chome, Hino-shi, Tokyo,
1910065 (JP). SUMI, Yoshihiko [JP/JP];
c/o Teijin Limited, Tokyo Research Cen-
ter, 3-2, Asahigaoka 4-chome, Hino-shi,
Tokyo, 1910065 (JP). FUKUHIRA, Yukako
[JP/JP]; c/o Teijin Limited, Tokyo Research
Center, 3-2, Asahigaoka 4-chome, Hino-shi,
Tokyo, 1910065 (JP).
- (74) MIHARA, Hideko; c/o Teijin Intellectual
Property Center Limited 1-1, Uchisaiwaicho
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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51)⁷ A61F 2/04, A61M 25/00

(11) WO 2004/087013 (13) A1

(21) PCT/US2004/008848

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/400,201 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RETAINING STENT

• ENDOPROTHESE DE RETENUE

(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) DESMOND, III, Joseph P. [US/US]; 3123 Ryan Court, Bloomington, IN 47403 (US).

(74) COOLEY GODWARD LLP; Attn: Patent Group, One Freedom Square, Reston Town Center, 11951 Freedom Drive, Reston, VA 20191-5656 (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).

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(51)⁷ A61F 2/04, 5/00

(11) WO 2004/087014 (13) A2

(21) PCT/US2004/009269

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/459,060 28 Mar/mar 2003 US (28.03.2003)

(30) 60/471,413 16 May/mai 2003 US (16.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANTI-OBESITY DEVICES

• DISPOSITIFS ANTI-OBESITE

(71) GI DYNAMICS, INC. [US/US]; 150 California Street, Newton, MA 02458 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEVINE, Andy, H. [US/US]; 1105 Walnut Street, Newton, MA 02461 (US). CV-INAR, John, F. [US/US]; 94 Ridge Street,

Winchester, MA 01890 (US). MEADE, John, C. [US/US]; 85 Millville Road, Mendon, MA 01756 (US).

(74) SMITH, James, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., P.O. Box 9133, Concord, MA 01742-9133 (US).

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

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

(51)⁷ A61F 2/06

(11) WO 2004/087015 (13) A2

(21) PCT/US2004/007150

(22) 18 Feb/fév 2004 (18.02.2004)

(25) en (26) en

(30) 10/374,774 25 Feb/fév 2003 US (25.02.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTRAVASCULAR STENT

• PROTHESE ENDOVASCULAIRE

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

(72) JANG, G., David; 30725 Eastburn Lane, Redmonds, CA 92374 (US).

(74) URZEDOWSKI, James, M.; Vidas, Arrett & Steinkraus, P.A., Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ A61F 2/06, 2/04

(11) WO 2004/087016 (13) A1

(21) PCT/US2004/009379

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/400,200 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LONGITUDINALLY EXPANDING MEDICAL DEVICE

• DISPOSITIF MEDICAL A EXPANSION LONGITUDINALE

(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]; 20 Woodridge Lane, Ashland, MA 01721 (US). DAIGNAULT, Kenneth [US/US]; 50 Winfield Road, Holden, MA 01520 (US).

(74) FORCIER, John, 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).

Published / Publiée : (c)

(51)⁷ A61F 2/06

(11) WO 2004/087017 (13) A1

(21) PCT/US2004/009406

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/459,696 2 Apr/avr 2003 US (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DETACHABLE AND RETRIEVABLE STENT ASSEMBLY

• ENSEMBLE DRAIN TUTEUR AMOVIBLE ET RECUPERABLE

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

(72) BASHIRI, Mehran; 2010 Eaton Avenue, San Carlos, CA 94070 (US). PHUNG, Mark; 4432 Chippendale Court, Union City, CA 94587 (US). RAMZIPOOR, Kamal; 46102 Klamath Street, Fremont, CA 94539 (US). NAIR, Ajitkumar, B.; 358 Wood Creek Terrace, Fremont, CA 94539 (US).

(74) URZEDOWSKI, James, M.; Vidas, Arrett & Steinkraus, P.A., Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343-9185 (US).

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

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

MC NL PL PT RO 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)⁷ A61F 2/06

(11) WO 2004/087018 (13) A2

(21) PCT/US2004/009518

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,884 28 Mar/mar 2003 US (28.03.2003)

(30) 60/508,437 3 Oct/oct 2003 US (03.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DOUBLE ENDED INTRAVASCULAR MEDICAL DEVICE

• DISPOSITIF MEDICAL INTRAVASCULAIRE A DEUX EXTREMITES

(71) EV3 INC. [US/US]; 4600 Nathan Lane North, Plymouth, MN 55442-2920 (US).

(72) VON LEHE, Cathleen; 9083 Rosewood Lane, Maple Grove, MN 55369 (US). KUSLEIKA, Richard; 18188 Ullmann Circle, Eden Prairie, MN 55346 (US). REN, Brooke; 16688 73rd Avenue North, Maple Grove, MN 55311 (US). CLUBB, Thomas; 554 Perch Lake Road, Hudson, WI 54016 (US).

(74) JAISLE, Cecilia et al. / etc.; Popovich, Wiles & O'Connell, P.A., 650 Third Avenue South, Suite 600, 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)⁷ A61F 2/16

(11) WO 2004/087019 (13) A1

(21) PCT/JP2004/004162

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-090656 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISTRIBUTION CONTAINER FOR INTRAOCULAR LENS

• RECIPIENT DE DISTRIBUTION POUR LENTILLE INTRAOCULAIRE

(71) MENICON CO., LTD. [JP/JP]; 21-19, Aoi 3-chome, Naka-ku, Nagoya-shi, Aichi 4600006 (JP).

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

(72, 75) TANAKA, Masayoshi [JP/JP]; c/o Menicon Co., Ltd., Techno Station, 179-17, Sue-cho 4-chome, Kakamigahara-shi, Gifu 5090108 (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).

(51)⁷ A61F 2/28

(11) WO 2004/087020 (13) A1

(21) PCT/JP2004/004550

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-095017 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MATERIAL FOR REPAIRING BIOLOGICAL TISSUES AND PROCESS FOR PRODUCING THE SAME

• MATERIAU POUR LA REPARATION DE TISSUS BIOLOGIQUES ET SON PROCEDE DE PRODUCTION

(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) HAKAMATSUKA, Yasuharu [JP/JP]; 2-13-603, Azumacho 3-chome, Akishima-shi, Tokyo 196-0033 (JP). TAKAMIYA, Yuji [JP/JP]; 2-5-201, Shinoharakitamachi 4-chome Nada-ku, Kobe-shi, Hyogo 657-0068 (JP). SADAMORI, Katsuya [JP/JP]; 421-18, Arai, Hino-shi, Tokyo 191-0022 (JP).

(74) UEDA, Kunio et al. / etc.; Mitsubishijuko Yokohama Bldg. 24F, 3-1, Minatomirai 3-chome, Nishi-ku, Yokohama-shi, Kanagawa 220-0012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ A61F 2/44, 2/30

(11) WO 2004/087021 (13) A1

(21) PCT/NZ2004/000069

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 525179 3 Apr/avr 2003 NZ (03.04.2003)

(30) 526019 20 May/mai 2003 NZ (20.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOAD BEARING INTERVERTEBRAL DISK

• DISQUE INTERVERTEBRAL PORTANT

(71) ENZTEC LIMITED [NZ/NZ]; 4/45 Sonter Road, Sockburn, Christchurch (NZ).

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

(72, 75) BURN, Peter, James [NZ/NZ]; 40 Knowles Street, St Albans, Christchurch (NZ). MCMILLAN, Iain, Alexander [NZ/NZ]; 28 Sledmere Avenue, Christchurch (NZ).

(74) ADAMS, Matthew, D. et al. / etc.; A J Park, 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)⁷ A61F 5/045, 5/00, 5/04

(11) WO 2004/087022 (13) A1

(21) PCT/KR2004/000616

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ko (26) en

(30) 10-2003-0020835 2 Apr/avr 2003 KR (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PELVIS CORRECTION MACHINE

• MACHINE DE CORRECTION PELVIENNE

(71, 72) JUNG, Seung-Yen [KR/KR]; 189, Deahan-ri, Wachon-myun, Kyungsan-si, Kyungsanbuk-do 712-841 (KR).

(74) LEE, Seok-Hwa; Rm.504, Woojung Bubwon Building, 175-4., Bumco-2dong, Susung-Gu., Daegu 706-820 (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)⁷ **A61F 9/02, G02C 11/00**
(11) **WO 2004/087023** (13) A1
(21) PCT/AU2004/000442
(22) **1 Apr/avr 2004 (01.04.2004)**
(25) en (26) en
(30) 2003204182 **1 Apr/avr 2003 AU**
(01.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • MAGNETIC SAFETY GLASSES
• LUNETTES DE SECURITE MAGNE-
TIQUES
(71, 72) **BRYAN, Damien, Charles** [AU/AU];
c/o Terry Hurlock & Associates, 15 Patrick
Street, Aitkenvale, Townsville, QLD 4814
(AU).
(74) **CULLEN & CO.**; Level 26, 239 George
Street, Brisbane, QLD 4001 (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)⁷ **A61F 9/08, A61N 1/36**
(11) **WO 2004/087024** (13) A1
(21) PCT/EP2004/003312
(22) **29 Mar/mar 2004 (29.03.2004)**
(25) de (26) de
(30) 103 15 397.7 **4 Apr/avr 2003 DE**
(04.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • ENERGY SUPPLY DEVICE FOR A
RETINA IMPLANT
• DISPOSITIF D'ALIMENTATION EN
ENERGIE POUR IMPLANT RETINIEN
(71) **CARL ZEISS** [DE/DE]; 89518 Heidenheim
(DE).
(only for / seulement pour AT BE BG CH CY
DK EE ES FI FR GR HU IT LU MC NL PT
RO SE SI SK TR)
(71) **CARL-ZEISS-STIFTUNG trading as**
CARL ZEISS [DE/DE]; 89518 Heidenheim
(DE).
(for all designated States except / pour tous
les États désignés sauf AT BE BG CH CY DK

EE ES FI FR GR HU IT LU MC NL PT RO
SE SI SK TR US)

- (72, 75) **WAHL, Eberhard** [DE/DE];
Wehrstrasse 12, 73235 Weilheim-Teck (DE).
BAUMANN, Oliver [DE/DE]; Turmstrasse
11, 73430 Aalen (DE).
(74) **LORENZ, Werner**; Lorenz & Kollegen,
Alte Ulmer Strasse 2, 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 DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL PT
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)⁷ **A61F 13/00**
(11) **WO 2004/087025** (13) A1
(21) PCT/JP2004/001239
(22) **6 Feb/fév 2004 (06.02.2004)**
(25) ja (26) ja
(30) 2003-94104 **31 Mar/mar 2003 JP**
(31.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • GAME MACHINE, GAME METHODE
AND PROGRAM
• MACHINE DE JEU, PROCÉDÉ DE JEU
ET PROGRAMME
(71) **KONAMI CORPORATION** [JP/JP]; 4-1,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-6330 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **EIKA, Takuro** [JP/JP]; c/o Konami
Computer Entertainment, Studios, Inc.,
10-1, Roppongi 6-chome, Minato-ku, Tokyo
106-6113 (JP).
(74) **ISHII, Yuichiro**; 8th Floor, Kyohan Build-
ing, 7, Kandanishiki-cho 2-chome, Chiy-
oda-ku, Tokyo 101-0054 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

(51)⁷ **A61F 13/20, A61L 15/20**

- (11) **WO 2004/087026** (13) A1
(21) PCT/IB2004/001174
(22) **2 Apr/avr 2004 (02.04.2004)**
(25) en (26) en
(30) 03/04255 **4 Apr/avr 2003 FR**
(04.04.2003)
(30) 60/460,419 **7 Apr/avr 2003 US**
(07.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • METHOD FOR OBTAINING A DISPOS-
ABLE DEVICE FOR TRANSFERRING
AND/OR CIRCULATING AN ACTIVE
LIQUID INTO AND/OR INSIDE AN IN-
TRACORPORAL CAVITY
• PROCEDE D'OBTENTION D'UN DIS-
POSITIF JETABLE POUR LE TRANS-
FERT ET/OU LA MISE EN CIRCULA-
TION D'UN LIQUIDE ACTIF VERS
L'INTERIEUR ET/OU A L'INTERIEUR
D'UNE CAVITE INTRACORPORELLE
(71, 72) **CHAFFRINGEON, Bernard** [FR/CH];
7 Route de Buyere, CH-1030 Bussigny (CH).
(74) **GUERRE, Dominique**; Cabinet Germain
et Maureau, 12, rue Boileau, F-69006 Lyon
(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)⁷ **A61F 13/475, 13/471**

- (11) **WO 2004/087027** (13) A1
(21) PCT/JP2004/004444
(22) **29 Mar/mar 2004 (29.03.2004)**
(25) ja (26) ja
(30) 2003-096159 **31 Mar/mar 2003 JP**
(31.03.2003)
(30) 2003-155601 **30 May/mai 2003 JP**
(30.05.2003)
(30) 2003-341868 **30 Sep/sep 2003 JP**
(30.09.2003)
(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • **ABSORBING PAD FOR MALE**
• TAMPON ABSORBANT POUR HOMMES
- (71) **DAIO PAPER CORPORATION** [JP/JP]; 2-60, Kamiya-cho, Iyomishima-shi, Ehime 7990492 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIOMI, Takeyuki** [JP/JP]; c/o EL-LEAIR PAPER TECH. CO., LTD. 4776-4, Aza Sugenosawa, Oaza Washijuku, Kitsuregawa-machi, Shioya-gun, Tochigi 3291411 (JP). **ISHIDA, Tomoaki** [JP/JP]; c/o EL-LEAIR PAPER TECH. CO., LTD. 4776-4, Aza Sugenosawa, Oaza Washijuku, Kitsuregawa-machi, Shioya-gun, Tochigi 3291411 (JP).
- (74) **NAGAI, Yoshihisa**; Kanda Center Bldg., 3-2, Kajicho 2-chome, Chiyoda-ku Tokyo 1010044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ **A61G 1/02**
- (11) **WO 2004/087029** (13) A1
- (21) PCT/JP2004/004384
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) ja (26) ja
- (30) 2003-093388 **31 Mar/mar 2003 JP (31.03.2003)**
- (30) 2003-270979 **4 Jul/juil 2003 JP (04.07.2003)**
- (30) 2003-270931 **4 Jul/juil 2003 JP (04.07.2003)**
- (30) 2003-270975 **4 Jul/juil 2003 JP (04.07.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **STRETCHER, STRETCHER SYSTEM, AND METHOD OF USING THE SYSTEM**
• CIVIERE, SYSTEME DE CIVIERE ET PROCEDE D'UTILISATION DUDIT SYSTEME
- (71) **SHINMAYWA INDUSTRIES, LTD.** [JP/JP]; 1-1, Shinmeiwa-cho, Takarazuka-shi, Hyogo 6658550 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOSOYA, Takashi****KAMEI, Hitoshi****KIMURA, Shotaro****HARA, Keiichi****SHIRAI, Hiroaki**
- (74) **MAEDA, Hiroshi** et al. / etc.; Honmachi-nakajima Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 5500004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ **A61G 7/05, A47C 21/08**
- (11) **WO 2004/087030** (13) A1
- (21) PCT/US2004/008935
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 60/458,720 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **BED SIDERAIL HAVING A LATCH**
• RIDELLE DE LIT AVEC VER-ROUILLAGE
- (71) **HILL-ROM SERVICES, INC.** [US/US]; 300 Delaware Avenue, Suite 530, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SIMMONDS, Scott** [US/US]; 5912 East Country Road 400N, Greensburg, IN 47240 (US). **GOODWIN, Brent** [US/US]; 613 West Pearl Street, Batesville, IN 47006 (US). **FINDLAY, James, K.** [US/US]; 7497 Timberland Drive, Fishers, IN 46038 (US).
- (74) **YERKESON, Douglas, A.**; Bose McKinney & Evans LLP, 2700 First Indiana Plaza, 135 North Pennsylvania 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).
- Published / Publiée : (c)
- (51)⁷ **A61G 13/00, A61B 6/04, C09D 183/04**
- (11) **WO 2004/087031** (13) A1
- (21) PCT/IB2004/050348
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 03100836.0 **31 Mar/mar 2003 EP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **MEDICAL EQUIPMENT PROVIDED WITH A COATING**
• EQUIPEMENT MEDICAL POURVU D'UN REVETEMENT
- (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) **KOLE, Henk** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOUWKAMP-WIJNOLTZ, Anna, L.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LEGIERSE, Petrus, E., J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VISSER, Cornelis, G.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOEHMER, Marcel, R.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **COHEN, Julius, S.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (54) • **ABSORBING PAD FOR MALE**
• TAMPON ABSORBANT POUR HOMMES
- (71) **DAIO PAPER CORPORATION** [JP/JP]; 2-60, Kamiya-cho, Iyomishima-shi, Ehime 7990492 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KURITA, Yuka** [JP/JP]; c/o ELLEAIR PAPER TECH. CO., LTD. 4776-4, Aza Sugenosawa, Oaza Washijuku, Kitsuregawa-machi, Shioya-gun, Tochigi 3291411 (JP). **NISHIZAWA, Kazunori** [JP/JP]; c/o ELLEAIR PAPER TECH. CO., LTD. 4776-4, Aza Sugenosawa, Oaza Washijuku, Kitsuregawa-machi, Shioya-gun, Tochigi 3291411 (JP).
- (74) **NAGAI, Yoshihisa**; Kanda Center Bldg., 3-2, Kajicho 2-chome, Chiyoda-ku, Tokyo 1010044 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ A61H

(11) WO 2004/087032 (13) A2

(21) PCT/US2004/009394

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,041 28 Mar/mar 2003 US (28.03.2003)

(30) 10/781,807 20 Feb/fév 2004 US (20.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • EXERCISE GEL BALL AND METHOD OF USE

• BALLE D'EXERCICE COMPOSE D'UN GEL ET PROCEDE D'UTILISATION

(71, 72) SILS, Peter [US/US]; 108 West Preston Street, Lexington, VA 24450 (US).

(74) BRODY, Christopher, W.; Clark & Brody, Suite 600, 1750 K Street, N.W., 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)⁷ A61H 1/02, A61F 2/56, 2/74, B25J 17/00, 19/00

(11) WO 2004/087033 (13) A1

(21) PCT/JP2004/003635

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-091280 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WEAR-TYPE JOINT DRIVE DEVICE

• DISPOSITIF D'ENTRAÎNEMENT DE JOINT D'USURE

(71) HITACHI MEDICAL CORPORATION [JP/JP]; 1-14, Uchikanda 1-chome, Chiyoda-ku, Tokyo, 1010047 (JP). TOKYO UNIVERSITY OF SCIENCE [JP/JP]; 1-3, Kagurazaka, Shinjuku-ku, Tokyo, 1620825 (JP).

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

(72, 75) KOBAYASHI, Hiroshi [JP/JP]; 6-2-16-402, Isobe, Mihama-ku, Chiba-shi, Chiba, 2610012 (JP). SATO, Yutaka [JP/JP]; 330-3, Matsugasaki, Kashiwa-shi, Chiba, 2770835 (JP). HIRAMATSU, Kazuaki [JP/JP]; 1-4-22-202, Hakusan, Toride-shi, Ibaraki, 3020023 (JP). KONAMI, Makoto [JP/JP]; 2-2-15-320, Shibasakidai, Abiko-shi, Chiba, 2701176 (JP). MATSUSHITA, Taisuke [JP/JP]; 2-2-15-318, Shibasakidai Abiko-shi, Chiba, 2701176 (JP). MUROMACHI, Masaaki [JP/JP]; 579-7, Obayashi, Koshigaya-shi, Saitama, 3430021 (JP). UCHIMURA, Akitaka [JP/JP]; 2-29-6-806, Kamiochiai, Shinjuku-ku, Tokyo, 1610034 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, 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)⁷ A61H 9/00, 23/02, 7/00, 23/04

(11) WO 2004/087034 (13) A1

(21) PCT/IB2004/000982

(22) 31 Mar/mar 2004 (31.03.2004)

(25) it (26) en

(30) B02003A000186 1 Apr/avr 2003 IT (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SKIN MASSAGE DEVICE

• DISPOSITIF DE MASSAGE CUTANE

(71) GENERAL PROJECT S.R.L. [IT/IT]; Via della Gora, 13/1, I-50025 Montespertoli (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) NALDONI, Moreno [IT/IT]; Via Salvador Allende, 22, I-50018 Scandicci (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 RU SC SD 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)⁷ A61J

(11) WO 2004/087035 (13) A2

(21) PCT/US2004/009005

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/401,260 27 Mar/mar 2003 US (27.03.2003)

(30) 10/700,192 3 Nov/nov 2003 US (03.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • URINE COLLECTION DEVICE

• DISPOSITIF DE RECUEIL D'URINE

(71, 72) OTTO, Edgar [US/US]; 8558 Horse-shoe Lane, Boca Raton, FL 33496 (US). OTTO, Gregory [US/US]; 6646 Bristol Lake South, Delray Beach, FL 33446 (US). MELONI-MALEK, Francesca [US/US]; 16433 Deer Path Lane, Loxahatchee, FL 33470 (US).

(74) DIXON, Michael, K.; Akerman Senterfitt, P.O. Box 3188, West Palm Beach, FL 33402-3188 (US).

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

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

(51)⁷ A61J

(11) WO 2004/087036 (13) A2

(21) PCT/US2004/009018

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/401,182 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN APPLICATOR

• APPLICATEUR

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(72, 75) **SHAH, Manzoor, A.** [US/US]; 650 Huntington Avenue, Boston, MA 02115 (US).
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(74) **SHANKSE, Jason, D.** et al. / etc.; Landiorio & Teska, 260 Bear Hill Road, Waltham, MA 02451-1018 (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).

(51)⁷ A61J(11) **WO 2004/087037** (13) A2

(21) PCT/US2004/009511

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 10/397,697 **25 Mar/mar 2003 US (25.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VENTED, LOW-DRIP NURSING BOTTLE

• BIBERON VENTILE A DEBIT LENT

(71, 72) **LEWIS, Julie, Maureen** [US/US]; 3170 S.W. Raleighwood Drive, Portland, OR 97225 (US).
BEDELL, Daniel, J. [US/US]; 610 N.W. Waterhouse Avenue, Beaverton, OR 97006 (US).

(74) **BEDELL, Daniel, J.**; Smith-Hill and Bedell, P.C., 12670 N.W. Barnes Road, Suite 104, Portland, OR 97229 (US).

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

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

(51)⁷ A61J 1/03(11) **WO 2004/087038** (13) A1

(21) PCT/US2004/009595

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/457,865 **26 Mar/mar 2003 US (26.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • KIT FOR PHARMACEUTICAL USE

• TROUSSE UTILISABLE A DES FINS PHARMACEUTIQUES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

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(72, 75) **CAWTHRAY, Richard, James** [GB/FR]; 140, allée des Residences du Saleve, F-74160 Collonges-sous-Saleve (FR).
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TROMBLEY, Kurt, Franklin [US/US]; 6486 Cedar Lake Lane, Loveland, OH 45140 (US).
VAN DER GEEST, Stephanus, Alexander, Paulus [NL/FR]; 241, rue de Plan, F-01220 Divonne les Bains (FR).

(74) **THE PROCTER & GAMBLE COMPANY**; c/o 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).

Published / Publiée : (c)

(51)⁷ A61J 17/00(11) **WO 2004/087039** (13) A1

(21) PCT/US2004/008795

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 10/396,424 **26 Mar/mar 2003 US (26.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PACIFIER

• SUCETTE

(71, 72) **DAVIS, John, J.** [US/US]; 35 Deerfield Road, Troutville, VA 24175 (US).

(74) **VENTURINO, Anthony, P.**; Stevens, Davis, Miller & Mosher, LLP, 1615 L Street N.W., Suite 850, Washington, D.C. 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).

Published / Publiée : (c)

(51)⁷ A61K(11) **WO 2004/087040** (13) A2

(21) PCT/CN2004/000288

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 10/406,811 **3 Apr/avr 2003 US (03.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USES FOR L-TETRAHYDROPALMATINE

• UTILISATIONS DE L-TETRAHYDRO-PALMATINE

(71) **PHARMACO GENETICS LIMITED** [CN/CN]; Rm. 3633, Annex Building, HKUST, Clear Water Bay, Kowloon, Hong Kong (CN).

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(72) **XUE, Hong**; 1/F. 24 Tsam Chuk Wan, Sai Kung, N. T., Hong Kong (CN).

(74) **KANGXIN & PARTNERS**; Suite 2516, Xinlong Mansion, A33 Erlonglu, Xicheng District, Beijing 100032 (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 : (i)

(51)⁷ A61K(11) **WO 2004/087041** (13) A2

(21) PCT/IL2004/000017

(22) **8 Jan/jan 2004 (08.01.2004)**

(25) en (26) en

(30) 10/405,123 **2 Apr/avr 2003 US (02.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN ANTIBODY FRAGMENT CAPABLE OF MODULATING MULTIDRUG RESISTANCE AND COMPOSITIONS

AND KITS AND METHODS USING SAME

- FRAGMENT D'ANTICORPS CAPABLE DE MODULER LA RESISTANCE A PLUSIEURS MEDICAMENTS ET COMPOSITIONS, KITS ET METHODES ASSOCIES UTILISANT LE-DIT FRAGMENT

(71) **TECHNION RESEARCH & DEVELOPMENT FOUNDATION LTD.** [IL/IL]; Senate House, Technion City, 32 000 Haifa (IL).
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(72, 75) **REITER, Yoram** [IL/IL]; 20 HaSahlav Street, 34 790 Haifa (IL). **HAUS-COHEN, Maya** [IL/IL]; 22 Shimkin Street, 34 750 Haifa (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ **A61K**

(11) **WO 2004/087042** (13) **A2**

(21) PCT/IL2004/000308

(22) **4 Apr/avr 2004 (04.04.2004)**

(25) en (26) en

(30) 60/460,005 **4 Apr/avr 2003 (04.04.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANTIBODIES AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME USEFUL FOR INHIBITING ACTIVITY OF METALLOPROTEINS

- ANTICORPS ET COMPOSITIONS PHARMACEUTIQUES CONTENANT CES DERNIERS UTILES POUR INHIBER L'ACTIVITE DE METALLOPROTEINES

(71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; at the Weizmann Institute of Science, P.O. Box 95, Rehovot, 76 100 (IL).

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(72, 75) **SAGI, Irit** [IL/IL]; 10 Neve Metz Street, The Weizmann Institute of Science, Rehovot, 76100 (IL). **DANON, Tamar** [IL/IL]; 10 Neve Metz Street, The Weizmann Institute of Science, Rehovot, 76 100 (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)⁷ **A61K**

(11) **WO 2004/087043** (13) **A2**

(21) PCT/IN2004/000048

(22) **23 Feb/fév 2004 (23.02.2004)**

(25) en (26) en

(30) 212/MUM/2003 **21 Feb/fév 2003 (21.02.2003)** IN

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A STABLE OPHTHALMIC COMPOSITION

- COMPOSITION OPHTHALMIQUE STABLE

(71) **SUN PHARMACEUTICAL INDUSTRIES LIMITED** [IN/IN]; ACME PLAZA, ANDHERI-KURLA ROAD, ANDHERI (EAST), MUMBAI 400059 (IN).

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(72, 75) **LADDHA, NITIN, Ritu** [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTER, AKOTA ROAD, AKOTA, BARODA 390020 (IN). **BHOWMICK, BALARAM, Subhas** [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTER, AKOTA ROAD, AKOTA, BARODA 390020 (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 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; (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 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 all designations / pour

toutes les designations; (s) for all designations / pour toutes les designations

(t) for all designations / pour toutes les designations; (t) for all designations / pour toutes les designations; (t) for all designations / pour toutes les designations (u) for / pour US only / seulement

(51)⁷ **A61K**

(11) **WO 2004/087044** (13) **A2**

(21) PCT/US2003/040752

(22) **19 Dec/déc 2003 (19.12.2003)**

(25) en (26) en

(30) 60/435,848 **20 Dec/déc 2002 (20.12.2002)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **DRUG TARGET**

- CIBLE MEDICAMENTEUSE

(71) **BIOSEEK, INC.** [US/US]; 863-C Mitten Road, Burlingame, CA 94010 (US).
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(72, 75) **PLAVEC, Ivan** [HR/US]; 1415 Mallard Way, Sunnyvale, CA 94087 (US). **SIRENKO, Oksana** [—/US]; Bioseek, Inc., 863-C Mitten Road, Burlingame, 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 2004/087045** (13) **A2**

(21) PCT/US2004/010212

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

(25) en (26) en

(30) 60/458,521 **28 Mar/mar 2003 (28.03.2003)** US

(30) 60/490,098 **24 Jul/juil 2003 (24.07.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **DEVICES, METHODS, AND COMPOSITIONS TO PREVENT RESTENOSIS**

- DISPOSITIFS, METHODES ET COMPOSITIONS PERMETTANT DE PREVENIR LA RESTENOSE

(71) **KOSAN BIOSCIENCES, INC.** [US/US]; 3832 Bay Center Place, Hayward, CA 94545 (US). **JOHNSON, Robert, Jr., G.** [US/—]; 3656 Happy Valley Road, Lafayette, CA 94549 (US).

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(74) **ASHLEY, Gary, W.**; Kosan Biosciences, Inc., 3882 Bay Center Place, Hayward, CA 94545 (US).

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

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

(51)⁷ A61K

(11) **WO 2004/087046** (13) A2

(21) PCT/US2004/003853

(22) **11 Feb/fév 2004 (11.02.2004)**

(25) en (26) en

(30) 60/446,427 **11 Feb/fév 2003 (11.02.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TREATMENT OR PREVENTION OF cGMP-DEPENDENT PATHOPHYSIOLOGY WITH A MUTANT VARIANT OF SOLUBLE GUANYLYL CYCLASE

• TRAITEMENT OU PREVENTION D'UNE PATHOPHYSIOLOGIE DEPEN-
DANT DE <SB>C</SB>GMP AVEC UN
VARIANT MUTANT DE CYCLASE DE
GUANYLYLE SOLUBLE

(71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).

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(72, 75) **MARTIN, Emil** [US/US]; 6500 N. Braeswood, Apt. 166, Houston, TX 77096 (US). **MURAD, Ferid** [US/US]; 3324 Nottingham, Houston, TX 77005 (US).

(74) **MINTZ, Carol, G.** et al. / etc.; Conley Rose, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ A61K

(11) **WO 2004/087047** (13) A2

(21) PCT/US2004/003897

(22) **9 Feb/fév 2004 (09.02.2004)**

(25) en

(30) 60/445,758 **7 Feb/fév 2003 (07.02.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MUTANTS OF REPLICATION COMPETENT VACCINIA VIRUS

• MUTANTS DE VIRUS DE LA VACCINE
APTES A LA REPLICATION

(71) **ARIZONA BOARD OF REGENTS** [US/US]; P.O. Box 879209, Tempe, AZ 85287-9209 (US).

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(72, 75) **JACOBS, Bertram** [US/US]; 1004 S. Wilson Street, Tempe, AZ 85281 (US).

(74) **BUTTER, Gary, M.** 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K

(11) **WO 2004/087048** (13) A2

(21) PCT/US2004/008627

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 60/457,734 **26 Mar/mar 2003 (26.03.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BENZAMIDE MODULATORS OF METABOTROPIC GLUTAMATE RECEPTORS

• MODULATEURS BENZAMIDE DE RE-
CEPTEURS METABOTROPIQUES DE
GLUTAMATE

(71) **MERCK & CO. INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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(72, 75) **DUGGAN, Mark, E.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **LINDSLEY, Craig, W.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **WISNOSKI, David, D.** [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

(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).

(51)⁷ A61K

(11) **WO 2004/087049** (13) A2

(21) PCT/US2004/008979

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/457,336 **25 Mar/mar 2003 (25.03.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SELECTIVE ACTIVATION OF CELLULAR ACTIVITIES MEDIATED THROUGH A COMMON TOLL-LIKE RECEPTOR

• ACTIVATION SELECTIVE
D'ACTIVITES CELLULAIRES
REALISEE PAR L'INTERMEDIAIRE
D'UN RECEPTEUR TOLL COMMUN

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

(72) **FINK, Jason, R.**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US). **GUPTA, Shalley, K.**; 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 (US).

(74) **GRAM, Christopher 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 all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ A61K

(11) **WO 2004/087050** (13) A2

(21) PCT/US2004/009027

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/458,494 **28 Mar/mar 2003 (28.03.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MITOTIC KINESIN INHIBITORS

- INHIBITEURS DES KINESINES MITO-TIQUES

(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) **SLAUGHTER, Donald, E.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **SUBRAMANIAN, Raju** [IN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **FRALEY, Mark, E.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **PRUEKSARITANONT, Thomayant** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **SHU, Hong** [CN/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).

(51)⁷ A61K

(11) **WO 2004/087051** (13) A2

(21) PCT/US2004/009028

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/458,103 **27 Mar/mar 2003** US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPHTHALMIC COMPOSITIONS FOR TREATING OCULAR HYPERTENSION

- COMPOSITIONS OPHTALMIQUES POUR TRAITER UNE HYPERTENSION OCULAIRE

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **EVOTEC OAI** [GB/GB]; 111 Milton Park, Abingdon Oxon OX14 4YD (GB).

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

(72, 75) **FISHER, Michael, H.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **GARCIA, Maria, L.** [ES/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **KACZOROWSKI, Gregory, J.** [US/US]; 126 East Lincoln Avenue, Rahway, New Jersey 07065-0907 (US). **MEINKE, Peter, T.** [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). **BOYD, Edward Andrew** [GB/GB];

111 Milton Park, Abingdon Oxon OX14 4YD (GB). **PRICE, Stephen** [GB/GB]; 111 Milton Park, Abingdon Oxon OX14 4YD (GB). **STIBBARD, John** [GB/GB]; 111 Milton Park, Abingdon Oxon OX14 4YD (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).

(51)⁷ A61K

(11) **WO 2004/087052** (13) A2

(21) PCT/US2004/009120

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 10/397,969 **25 Mar/mar 2003** US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OIL-CONTAINING, ORALLY ADMINSTRABLE PHARMACEUTICAL COMPOSITION FOR IMPROVED DELIVERY OF A THERAPEUTIC AGENT

- COMPOSITION PHARMACEUTIQUE ADMINISTRABLE PAR VOIE ORALE CONTENANT DE L'HUILE POUR UN APPORT AMELIORE D'UN AGENT THERAPEUTIQUE

(71) **LIPOCINE, INC.** [US/US]; 350 West 800 North, #314, Salt Lake City, UT 84103 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHEN, Feng-Jing** [US/US]; 350 West 800 North, #314, Salt Lake City, UT 84103 (US). **PATEL, Mahesh, V.** [US/US]; 350 West 800 North, #314, Salt Lake City, UT 84103 (US).

(74) **WESTERN, M., Wayne 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)⁷ A61K

(11) **WO 2004/087053** (13) A2

(21) PCT/US2004/009217

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/457,785 **25 Mar/mar 2003** US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIPEPTIDYL PEPTIDASE INHIBITORS

- INHIBITEURS DE DIPEPTIDYLE PEPTIDASE

(71) **SYRRX, INC.** [US/US]; 10410 Science Center Drive, San Diego, California 92121 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FENG, Jun** [CN/US]; 3536 Corte Yolanda, Carlsbad, California 92009 (US). **GWALTNEY, Stephen, L.** [US/US]; 12246 Dormouse Road, San Diego, California 92129 (US). **KALDOR, Stephen, W.** [US/US]; 4887 Del Mar Mesa Road, San Diego, California 92130 (US). **STAFFORD, Jeffrey, A.** [US/US]; 12752 Sandy Crest Court, San Diego, CA 92130 (US). **WALLACE, Michael, B.** [US/US]; 3766 Tomahawk Lane, San Diego, CA 92117 (US). **ZHANG, Zhiyuan** [CN/US]; 3775 Carmel View Road, #2, San Diego, California 92130 (US).

(74) **WEITZ, David, J.**; SYRRX, INC., 10410 Science Center Drive, San Diego, California 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).

(51)⁷ A61K

(11) **WO 2004/087054** (13) A2

(21) PCT/US2004/009255

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/457,891 **25 Mar/mar 2003** US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS FOR MODULATING GASTRIC SECRETION USING PROKINETICIN RECEPTOR ANTAGONISTS.

- PROCEDES DE MODULATION DE LA SECRETION GASTRIQUE METTANT EN OEUVRE DES ANTAGONISTES DU RECEPTEUR DE LA PROKINETICINE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin

- Street, 5th Floor, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHOU, Quo-Yong** [US/US]; 42 Harvey Court, Irvine, CA 92612 (US).
- (74) **GUY, Pamela, M.** et al. / etc.; McDermott, Will & Emery, 4370 La Jolla Village Drive, Suite 700, San Diego, CA 92122 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K**
- (11) **WO 2004/087055** (13) A2
- (21) PCT/US2004/009264
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/458,224 **27 Mar/mar 2003 US (27.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • USE OF FGF- 18 PROTEIN, TARGET PROTEINS AND THEIR RESPECTIVE ENCODING NUCLEOTIDE SEQUENCES TO INDUCE CARTILAGE FORMATION
- UTILISATION DE LA PROTEINE DE FGF-18, PROTEINES CIBLES ET LEURS SEQUENCES NUCLEOTIDIQUES CODANTES RESPECTIVES, POUR INDUIRE LA FORMATION DE CARTILAGES
- (71) **CHILDREN'S HOSPITAL MEDICAL CENTER** [US/US]; 3333 Burnet Avenue, Cincinnati, OH 45229 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WHITSETT, Jeffrey, Allen** [US/US]; 5565 Salem Road, Cincinnati, OH 45230 (US).
- (74) **GUTTAG, Eric, W.** et al. / etc.; Hasse Guttag & Nesbitt LLC, 7550 Central Parke Blvd., Mason, OH 45040 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K**
- (11) **WO 2004/087057** (13) A2
- (21) PCT/US2004/009321
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- 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 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)⁷ **A61K**
- (11) **WO 2004/087056** (13) A2
- (21) PCT/US2004/009300
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/458,982 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • BI-CYCLIC PYRIMIDINE INHIBITORS OF TGFβ
- INHIBITEURS BI-CYCLIQUES A BASE DE PYRIMIDINE DE TGFβG(B)
- (71) **SCIOS INC.** [US/US]; 6500 Paseo Padre Parkway, Fremont, CA 94555 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUGAR, Sundeep** [US/US]; 5943 Sterling Oaks Drive, San Jose, CA 95120 (US).
CHAKRAVARTY, Sarvajit [IN/US]; 1888 Miramonte Avenue, Mountain View, CA 94040 (US).
CONTE, Aurelia [GB/DE]; Hangstrasse 34, 79539 Loerrach (DE).
AXON, Jonathan [GB/US]; 1732 Grant Teton Drive, Milpitas, CA 95035-6538 (US).
MCENROE, Glenn [US/US]; 3367 Kimberly Way, San Mateo, CA 94403 (US).
- (74) **MULLEN, James, J., III** 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).
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- (51)⁷ **A61K**
- (11) **WO 2004/087058** (13) A2
- (21) PCT/US2004/009385
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/457,896 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • TARGETED MHC CLASS I ALPHA3 VACCINE DELIVERY SYSTEMS
- SYSTEMES D'ADMINISTRATION DE VACCIN ALPHA3 CLASSE I DU CMH CIBLES
- (71, 72) **ZAUDERER, Maurice** [US/US]; 44 Woodland Road, Pittsford, NY 14534 (US).
PARIS, Mark J. [US/US]; 94 Fitzpatrick Trail, West, Henrietta, NY 14586 (US).
SMITH, Ernest S. [US/US]; 328 Boston Road, Ontario, NY 14519 (US).
- (74) **STEFFE ERIC K.** 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 :

(s) for all designations / pour toutes les désignations; (s) for all designations / pour toutes les désignations; (s) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/087059 (13) A2

(21) PCT/US2004/009399

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,293 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COVALENT ATTACHMENT OF LIGANDS TO NUCLEOPHILIC PROTEINS GUIDED BY NON-COVALENT BINDING

• FIXATION PAR LIAISON COVALENTE DE LIGANDS A DES PROTEINES NUCLEOPHILES DIRIGÉES PAR UNE LIAISON NON COVALENTE

(71) THE UNIVERSITY OF TEXAS [US/US]; Health Science Center at Houston, 7000 Fannin Street, Suite 1477, Houston, TX 77030 (US).

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(72, 75) PAUL, Sudhir [US/US]; 2323 Reflection Court, Missouri City, TX 77459 (US). NISHIYAMA, Yasuhiro [JP/US]; 7100 Alameda Road #607, Houston, TX 77054 (US).

(74) HAHN, Robert, W. et al. / etc.; Katten Muchin Zavis Rosenman, 1025 Thomas Jefferson Street, NW, East Lobby, Suite 700, Washington, DC 20007-5201 (US).

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

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

(51)⁷ A61K

(11) WO 2004/087060 (13) A2

(21) PCT/US2004/009413

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,131 27 Mar/mar 2003 US (27.03.2003)

(30) 10/808,117 24 Mar/mar 2004 US (24.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FILTERED BACKPROJECTION ALGORITHMS FOR COMPTON CAMERAS IN NUCLEAR MEDICINE

• ALGORITHMES DE RETROPROJECTION FILTRES POUR CAMERAS DE COMPTON EN MEDECINE NUCLEAIRE

(71, 72) GUNTER, Donald, Lee [US/US]; 6221 Trinity Drive, Lisle, Illinois 60532 (US).

(74) SMOLIK, Kenneth, F.; BANNER & WITCOFF, 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K

(11) WO 2004/087061 (13) A2

(21) PCT/US2004/009417

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/404,525 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TUBULIN BINDING AGENTS AND CORRESPONDING PRODRUG CONSTRUCTS

• AGENTS DE FIXATION A LA TUBULINE ET CONSTRUCTIONS CORRESPONDANTES DE PROMEDICAMENTS

(63) US 10/404,525 (CIP) 1 Apr/avr 2003 (01.04.2003)

(71) OXIGENE, INC. [US/US]; 321 Arsenal Street, Watertown, MA 02472 (US). BAYLOR UNIVERSITY [US/US]; P.O. Box 97034, Waco, TX 76798-7034 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PINNEY, Kevin, G. [US/US]; 717 Topeka Drive, Woodway, TX 76712 (US). MOCHARLA, Vani, P. [IN/US]; 8510 Costa Verde Boulevard, #2126, San Diego, CA 92122 (US). CHEN, Zhi [CN/US]; 865 Mix Avenue, #409, Hamden, CT 06514 (US). GARNER, Charles, M. [US/US]; 1657 Cherry Creek Drive, Wookway, TX 76712 (US). GHATAK, Anjan [IN/US]; 470 S. 1300 E. #705, Salt Lake City, UT 84102 (US). HADIMANI, Mallinath [IN/US]; 2014 S. 2nd Street, Apt. #51, Waco, TX 76706 (US). KESSLER, Jimmy [US/US]; 803 W. Green Belt, Sugarland, TX 77478-2654 (US). DORSEY, James, M. [US/US]; 4 Lakemont Circle, Durham, NC 27703-6716 (US). EDVARDSON, Klaus [DK/DK]; Klampenborg Vej 26, DK-2930 Klampenborg (DK). CHAPLIN, David, J. [GB/GB]; 14 Plowden Park, Aston Rowart, Watlington, Oxfordshire OX9 5SX (GB). PREZIOSO, Joseph

[US/US]; One Longfellow Place, Boston, MA 02114 (US). JELINEK, Christopher [US/US]; P.O. Box 985, Waco, TX 76703 (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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K

(11) WO 2004/087062 (13) A2

(21) PCT/US2004/009438

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,331 28 Mar/mar 2003 US (28.03.2003)

(30) 60/508,320 3 Oct/oct 2003 US (03.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOSITIONS AND METHODS INVOLVING RESPIRATORY SYNCYTIAL VIRUS SUBGROUP B STRAIN 9320

• COMPOSITIONS CONTENANT UN VIRUS SYNCYTIAL RESPIRATOIRE DE LA SOUCHE 9320 DU SOUS-GROUPE B, ET PROCEDES ASSOCIES

(71) MEDIMMUNE VACCINES, INC. [US/US]; 297 North Bernardo Avenue, Mountain View, CA 94043 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHENG, Xing [US/US]; 849 Nectarine Avenue, Sunnyvale, CA 94087 (US). PARK, Hyun, Jung [KR/US]; 1943 Mt. Vernon Court #109, Mountain View, CA 94040 (US). JIN, Hong [US/US]; 22385 Santa Paula Avenue, Cupertino, CA 95014 (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).

(51)⁷ A61K

(11) WO 2004/087063 (13) A2

(21) PCT/US2004/009443

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,193 27 Mar/mar 2003 US
(27.03.2003)

(30) 60/477,494 11 Jun/juin 2003 US
(11.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USE OF ERYTHROPOIETIN IN
STROKE RECOVERY

• UTILISATION DE
L'ERYTHROPOIETINE POUR
UN RETABLISSEMENT A LA SUITE
D'UN ACCIDENT ISCHEMIQUE
CEREBRAL

(71) JANSSEN PHARMACEUTICA NV
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Drive, Pipersville, PA 18947 (US).
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808 Atkinson Circle, Hillsborough, NJ 08844
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72 Maria Court, Kendall Park, NJ 08824
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Julie Court, Doylestown, PA 18901 (US).
JOLLIFFE, Linda [US/US]; 16 Davenport
Way, Belle Mead, NJ 08501 (US).

(74) JOHNSON, Philip, S. et al. / etc.; Johnson &
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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)⁷ A61K

(11) WO 2004/087064 (13) A2

(21) PCT/US2004/009506

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,862 26 Mar/mar 2003 US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOUNDS AND METHODS FOR
USE IN TREATING NEOPLASIA AND
CANCER BASED UPON INHIBITORS
OF ISOPRENYLCYSTEINE METHYL-
TRANSFERASE

• COMPOSITIONS ET METHODES UTI-
LISEES DANS LE TRAITEMENT DE
LA NEOPLASIE ET DU CANCER,
BASEES SUR DES INHIBITEURS DE
L'ISOPRENYLCYSTEINE METHYL-
TRANSFERASE

(71) PURDUE RESEARCH FOUNDATION
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(72, 75) GIBBS, Richard, A. [US/US]; 2 Lim-
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Lafayette, IN 47906 (US).

(74) COLEMAN, Henry, D.; Coleman Sudol
Sapone, P.C., 714 Colorado Avenue, Bridge-
port, CT 06605-1601 (US).

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

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

(51)⁷ A61K

(11) WO 2004/087065 (13) A2

(21) PCT/US2004/009526

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,702 25 Mar/mar 2003 US
(25.03.2003)

(30) 10/808,927 24 Mar/mar 2004 US
(24.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOSITION FOR INDUCTION OF
A THERAPEUTIC RESPONSE

• COMPOSITION POUR L'INDUCTION
D'UNE REPONSE THERAPEUTIQUE

(63) US 10/808,927 (CIP)
24 Mar/mar 2004 (24.03.2004)

(71) HELICONIA CORPORATION [US/US];
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les États désignés sauf US)

(72, 75) FROIX, Michael [US/US]; 3433 Wood-
stock Lane, Mountain View, CA 94040 (US).
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17th Street, Apartment A, San Francisco, CA
94110 (US).

(74) MOHR, Judy, M. et al. / etc.; Perkins Coie
LLP, P.O. Box 2168, Menlo Park, CA 94026
(US).

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

DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT 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)⁷ A61K

(11) WO 2004/087066 (13) A2

(21) PCT/US2004/009548

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,218 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HIF-1 INHIBITORS

• INHIBITEURS DE HIF-1

(71) EMORY UNIVERSITY [US/US]; 1784
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(72, 75) VAN MEIR, Erwin [CH/US]; 2525 Oak-
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thony [US/US]; 10550 North Torrey Pines
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LAOU, Kyriacos, C. [US/US]; 10550 North
Torrey Pines Road, La Jolla, CA 92037 (US).

(74) VORNDRAN, Charles; Thomas, Kayden,
Horstemeyer & Risley, LLP, 100 Galleria
Parkway, N.W. Suite 1750, 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.

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

(51)⁷ A61K

(11) WO 2004/087067 (13) A2

(21) PCT/US2004/009550

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/457,911 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • TREATMENT OF ASPERGILLUS INFECTIONS WITH THYMOSIN ALPHA 1

• TRAITEMENT D'INFECTIONS PAR <I>ASPERGILLUS</I> A L'AIDE DE THYMOSINE ALPHA 1

- (71) SCICLONE PHARMACEUTICALS, INC. [US/US]; 901 Mariner's Island Blvd., Suite 205, San Mateo, CA 94404 (US).
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- (72, 75) RASI, Guido [IT/IT]; Lungotevere Flaminio, 78, I-00196 Rome (IT). GARACI, Enrico [IT/IT]; Via Salaria, 237, I-00199 Rome (IT). BISTONI, Francesco [IT/IT]; Via F. Briganti, 85, I-06127 Perugia (IT). ROMANI, Luigina [IT/IT]; Via Villaggio Santa Livia, 1, I-06123 Perugia (IT). DI FRANCESCO, Paolo [IT/IT]; Via L. A. Melegari, 16, I-00191 Rome (IT).

- (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)⁷ A61K

(11) WO 2004/087068 (13) A2

(21) PCT/US2004/009570

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,217 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • CXCR4 ANTAGONISTS AND METHODS OF THEIR USE

• ANTAGONISTES CXCR4 ET LEURS PROCÉDES D'UTILISATION

- (71) EMORY UNIVERSITY [US/US]; 1784 North Decatur Road, Suite 130, Atlanta, GA 30322 (US).

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- (72, 75) SHIM, Hyunsuk [KR/US]; 1365B Clifton Road, Atlanta, GA 30322 (US). LIANG, Zhongxing [CN/US]; 847 Briarcliff Road, NE Apt. B-2, Atlanta, GA 30306 (US). UMBREIT, Jay [US/US]; 1365B Clifton Road, Atlanta, GA 30322 (US). TAICHMAN, Russel [US/US]; 1420 Normandy Road, Ann Arbor, MI 48104 (US). GOODMANN, Mark [US/US]; 7870 Fawndale Way, Atlanta, GA 30350 (US).

- (74) VORNDRAN, Charles; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, NW, Suite 1750, 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.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ A61K

(11) WO 2004/087069 (13) A2

(21) PCT/US2004/009572

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,079 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHODS OF IDENTIFYING COMPOUNDS THAT TARGET tRNA SPLICING ENDONUCLEASE AND USES OF SAID COMPOUNDS AS ANTI-PROLIFERATIVE AGENTS

• PROCÉDES D'IDENTIFICATION DE COMPOSES CIBLANT UNE ENDO-NUCLEASE D'EPISSAGE D'ARN ET UTILISATIONS DESDITS COMPOSES COMME AGENTS ANTI-PROLIFÉRATIFS

- (71) PTC THERAPEUTICS, INC. [US/US]; 100 Corporate Court, Middlesex Business Center, South Plainfield, NJ 07080 (US).

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- (72, 75) TROTTA, Christopher, R. [US/US]; 198 Scobee Lane, Somerset, NJ 08873 (US).

- (74) CORUZZI, Laura, A. 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)⁷ A61K

(11) WO 2004/087070 (13) A2

(21) PCT/US2004/009574

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,090 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHODS OF IDENTIFYING COMPOUNDS THAT TARGET tRNA SPLICING ENDONUCLEASE AND USES OF SAID COMPOUNDS AS ANTI-FUNGAL AGENTS

• PROCÉDES D'IDENTIFICATION DE COMPOSES CIBLANT L'ENDONUCLEASE D'EPISSAGE D'ARN ET UTILISATIONS DESDITS COMPOSES COMME AGENTS ANTIFONGIQUES

- (71) PTC THERAPEUTICS, INC. [US/US]; 100 Corporate Court, Middlesex Business Center, South Plainfield, NJ 07080 (US).

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- (72, 75) TROTTA, Christopher, R. [US/US]; 198 Scobee Lane, Somerset, NJ 08873 (US).

- (74) CORUZZI, Laura, A. 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)⁷ A61K

(11) WO 2004/087071 (13) A2

(21) PCT/US2004/009587

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,309 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • USE OF BENZYL ALCOHOL, AND OTHER PHENOLIC PRESERVATIVES TO REDUCE PAIN DURING INTRADERMAL INJECTION

• UTILISATION D'ALCOOL BENZYLIQUE ET D'AUTRES AGENTS DE PRESERVATION PHENOLIQUES POUR REDUIRE LA DOULEUR DURANT UNE INJECTION INTRADERMIQUE

- (71) BECTON DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, New Jersey 07417-1880 (US).

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- (72, 75) SUTTER, Diane, E. [US/US]; 101 Langdale Place, Cary, North Carolina 27513 (US). PETTIS, Ronald, J. [US/US]; 101 Langdale Place, Cary, North Carolina 27513 (US). KAESTNER, Scott, Allen [US/US]; 19 Lynbrook Circle, Durham, North Carolina 27712 (US).

(74) **HOBBS, Ann, S., Ph.D.;** VENABLE LLP, P.O. Box 34385, 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).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ A61K

(11) **WO 2004/087072** (13) A2

(21) PCT/US2004/009591

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

(25) en (26) en

(30) 60/458,822 **28 Mar/mar 2003 US (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TOPICAL L-CARNITINE COMPOSITIONS

• COMPOSITIONS TOPIQUES DE L-CARNITINE

(71) **LONZA INC.** [US/US]; 17-17 Route 208, Fair Lawn, NJ 07410 (US).

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(72, 75) **GUTH, Jacob** [US/US]; 1245 Friendship Lane, Upper Black Eddy, PA 18972 (US). **CZUCZAK, Michael, Fred** [US/US]; 51 Stanley Avenue, Dayton, NJ 08810 (US). **LENTNER, Vickie** [US/US]; 66 Park Avenue, Washington, NJ 07882 (US).

(74) **SULLIVAN, Robert, C. 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).

(51)⁷ A61K

(11) **WO 2004/087073** (13) A2

(21) PCT/US2004/009637

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

(25) en (26) en

(30) 60/458,050 **27 Mar/mar 2003 US (27.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TREATMENT OF DEMYELINATING CONDITIONS

• TRAITEMENT D'ÉTATS DE DEMYELINISATION

(63) US 60/458,050 (CIP) **27 Mar/mar 2003 (27.03.2003)**

(71) **NEUROMOLECULAR, INC.** [US/US]; 257 Buena Vista, Mill Valley, CA 94941 (US).

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(72, 75) **LIPTON, Stuart** [US/US]; 17475 Circa del Sur, Rancho Santa Fe, CA 92067-4018 (US). **WENT, Greg** [US/US]; Mill Valley, CA 94941 (US). **MEYERSON, Lawrence** [US/US]; Mill Valley, CA 94941 (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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K

(11) **WO 2004/087074** (13) A2

(21) PCT/US2004/009659

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 10/406,150 **1 Apr/avr 2003 US (01.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR MAKING SUBSTITUTED PYRAZOLES

• PROCEDE DE PRODUCTION DE PYRAZOLES SUBSTITUES

(71) **PHARMACIA CORPORATION** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

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(72, 75) **ALLEN, Kimberley, C.** [GB/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **ANDERSON, Dennis, K.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **BALDUS, John, E.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **BOEHLLOW, Todd** [US/US]; Pfizer

Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **CLARK, Jerry, D.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **DUKESHERER, Daniel, R.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **EDNEY, Albert, D.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **FE-VIG, Tom** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **KUNDA, Sastry** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **LAWSON, Jon, P.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **LAU, Patrick, H.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **MCDERMOTT, Lisa, L.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **MAO, Michael, K.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **MOE, Jodi, L.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **MUDIPALLI, Partha** [IN/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **NAING, Win** [MM/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **SELNESS, Shaun, R.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **SEYMOUR, Christine, B.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **SCHILKE, Tobin, C.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **VISWANATH, Shekhar** [IN/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **WALKER, John, K.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **YALAMANCHILI, Gopichand** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

(74) **WARNER, James, M. et al. / etc.;** Pharmacia Corporation, P.O. Box 1027, Chesterfield, MO 63006-1027 (US).

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

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

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

(51)⁷ A61K

(11) WO 2004/087075 (13) A2

(21) PCT/US2004/009667

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,845 28 Mar/mar 2003 US (28.03.2003)

(30) 60/465,281 21 Apr/avr 2003 US (21.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOSITIONS AND METHODS FOR TREATING CANCER

• COMPOSITIONS ET METHODES DE TRAITEMENT DU CANCER

(71) THRESHOLD PHARMACEUTICALS, INC. [US/US]; 951 Gateway Boulevard, Suite 3A, South San Francisco, CA 94080 (US).

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

(72, 75) MATTEUCCI, MarkRAO, PhotonDUAN, Jian-Xin

(74) REILLY, Philip, D. 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)⁷ A61K

(11) WO 2004/087076 (13) A2

(21) PCT/US2004/009954

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,010 31 Mar/mar 2003 US (31.03.2003)

(30) 60/459,011 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS FOR INHIBITING ADIPOGENESIS AND FOR TREATING TYPE 2 DIABETES

• PROCEDES D'INHIBITION DE L'ADIPOGENESE ET METHODES DE TRAITEMENT DU DIABETE DE TYPE 2

(71) THE ROCKEFELLER UNIVERSITY [US/US]; 1230 York Avenue, New York, NY 10021 (US).

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(72, 75) STOFFEL, Markus [DE/US]; 430 East 66th Street, #12E, New York, NY 10021 (US). WOLFRUM, Christian [DE/US]; 500 East 63rd Street, #5F, New York, NY 10021 (US). SHIH, David, Q. [US/US]; The Rockefeller University, 1230 York Avenue, New York, NY 10021 (US). KUWAJIMA, Satoru [JP/US]; 500 East 63rd Street, #12E, New York, NY 10021 (US). BESSER, Daniel [DE/US]; 500 East 63rd Street, #20B, New York, NY 10021 (US).

(74) MACLEOD, Janet, M.; Dorsey & Whitney LLP, 250 Park Avenue, New York, NY 10177 (US).

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

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

(51)⁷ A61K 7/00

(11) WO 2004/087077 (13) A1

(21) PCT/EP2004/004523

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03/04259 4 Apr/avr 2003 FR (04.04.2003)

(30) 60/461,400 10 Apr/avr 2003 US (10.04.2003)

(30) 03/06068 20 May/mai 2003 FR (20.05.2003)

(30) 10/443,793 23 May/mai 2003 US (23.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COSMETIC COMPOSITION COMPRISING A VOLATILE FATTY PHASE

• COMPOSITION COSMETIQUE COMPRENANT UNE PHASE LIPIDIQUE VOLATILE

(71) L'OREAL [FR/FR]; 14, rue Royale, F-75008 Paris (FR).

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(72, 75) AUGUSTE, Frédéric [FR/FR]; 18, rue du Père Mazurié, F-94550 Chevilly-Larue (FR).

(74) KROMER, Christophe; L'Oréal - 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).

(51)⁷ A61K 7/032

(11) WO 2004/087078 (13) A1

(21) PCT/JP2004/004628

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003/96658 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COSMETIC FOR CILIA

• PRODUIT COSMETIQUE POUR CILS

(71) SHISEIDO CO., LTD. [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (JP).

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

(72, 75) MORI, Atsumi [JP/JP]; c/o Shi-seido Research Center, (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). TAKAHASHI, Hideki [JP/JP]; c/o Shi-seido Research Center, (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). TOMOMASA, Satoshi [JP/JP]; c/o Shi-seido Research Center, (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). YOKOYAMA, Hiroyuki [JP/JP]; c/o Shi-seido Research Center, (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP).

(74) IWAHASHI, Yuji; 1-11-8, Higashikana-gawa, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0044 (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)⁷ A61K 7/043

(11) WO 2004/087079 (13) A1

(21) PCT/US2004/009185

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/401,347 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NAIL POLISH COMPOSITION AND METHOD OF MAKING SAME

• COMPOSITION DE VERNIS A ONGLE ET SON PROCEDE DE FABRICATION

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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(72, 75) **BLANKENBECKLER, Nicole, L.** [US/US]; 421 South Laurel Street, Richmond, VA 23220 (US). **FRANCES, Arnold** [US/US]; 5908 Leabrook Way, Glen Allen, VA 23059 (US).

(74) **GRIFFITHS, John, E.**; 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).

Published / Publiée : (c)

(51)⁷ **A61K 7/043**

(11) **WO 2004/087080** (13) **A2**

(21) PCT/US2004/009502

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 10/401,470 **28 Mar/mar 2003 US (28.03.2003)**

(30) 10/402,118 **28 Mar/mar 2003 US (28.03.2003)**

(30) 10/402,693 **28 Mar/mar 2003 US (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **NAIL COMPOSITION AND THE USE THEREOF**
• **COMPOSITION POUR LES ONGLES ET UTILISATION ASSOCIEE**

(71) **NEUTROGENA CORPORATION** [US/US]; 5760 West 96th Street, Los Angeles, CA 90045 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLLINS, Carol** [US/US]; 17258 Boswell Place, Granada Hill, CA 91344 (US). **BEALER, Lewis** [US/US]; 2208 Yorkshire Avenue, Santa Monica, CA 90404 (US). **APPA, Yohini** [US/US]; 1324 Portola Avenue, Torrance, CA 90501 (US). **HORNBY, Sidney** [US/US]; 1002 Via La Paz, San Pedro, CA 90732 (US).

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

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

(51)⁷ **A61K 7/06, 7/11**

(11) **WO 2004/087081** (13) **A1**

(21) PCT/EP2004/002852

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) en (26) en

(30) 03252063.7 **1 Apr/avr 2003 EP (01.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **ABA BLOCK COPOLYMERS FOR HAIR STYLING COMPOSITION**
• **COPOLYMERES BLOCS ABA POUR COMPOSITION DE COIFFURE**

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) **UNILEVER NV** [NL/NL]; Weena 455, 3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).

(only for / seulement pour IN)

(72, 75) **ADAMS, Gerald** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **KHOSHDEL, Ezat** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **KOSINSKI, Aleksandra, Teresa** [US/US]; Unilever Home & Personal Care USA, 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008 (US). **KUZNITZ, Matthew, Fred** [US/US]; Unilever Home & Personal Care USA, 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008 (US). **MUIR, Karen, Elizabeth** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **PLANT, Yvonne, Christine** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **SEPER, Jennifer, Marie** [US/US]; Unilever Home & Personal Care USA, 3100 East Golf Road, Rolling Meadows, Chicago, IL 60008 (US).

(74) **TANSLEY, Sally et al.** / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (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)⁷ **A61K 7/06**

(11) **WO 2004/087082** (13) **A1**

(21) PCT/JP2003/003985

(22) **28 Mar/mar 2003 (28.03.2003)**

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **HAIR GROWTH STIMULANT COMPOSITION**
• **COMPOSITION STIMULANT LA CROISSANCE DES CHEVEUX**

(71) **HOKKAIDO TECHNOLOGY LICENSING OFFICE CO., LTD.** [JP/JP]; 8-1, kita7-nishi2, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP).

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(72, 75) **KOKAI, Yasuo** [JP/JP]; 1-35-501, Shinkotonil1-2, Kita-ku, Sapporo-shi, Hokkaido 001-0911 (JP).

(74) **WATANABE, Atsushi et al.** / etc.; PATENT ATTORNEYS "SHINPO", 1-20-10-203, Takadanobaba, Shinjuku-ku, Tokyo 169-0075 (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)⁷ **A61K 7/06, C07C 229/36**

(11) **WO 2004/087083** (13) **A2**

(21) PCT/US2004/008928

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 10/397,132 **26 Mar/mar 2003 US (26.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **REDUCTION OF HAIR GROWTH**
• **RALENTISSEMENT DE LA POUSSE DES POILS**

(63) US 10/397,132 (CON)
26 Mar/mar 2003 (26.03.2003)

(71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Bulding, Boston, MA 02199 (US).

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(72, 75) **JARDIEN, Anwar** [ZA/US]; 50 Alton Place, Apt. T1, Brookline, MA 02446 (US). **RARIY, Roman** [RU/US]; 245 Kelton Street, #42, Allston, MA 02134 (US). **AHLUWALIA, Gurpreet, S.** [US/US]; 77 Lake Avenue, Newton, MA 02459 (US). **SHANDER, Douglas** [US/US]; 2A Farmstead Way, Acton, MA 01720 (US).

(74) **JOHN, Richards et al.** / etc.; Ladas & Parry, 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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **A61K 7/06, C11D 17/04, A61K 9/70, A23L 1/22, 1/00, 1/0534, C08L 1/26, 1/28, A61K 7/16**

(11) **WO 2004/087084** (13) A1

(21) PCT/US2004/008962

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/457,714 **26 Mar/mar 2003 US (26.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RAPIDLY DISSOLVING EDIBLE FILM COMPOSITIONS WITH CELLULOSE FILM FORMING POLYMERS
• COMPOSITIONS DE FILMS COMESTIBLES A DISSOLUTION RAPIDE AVEC DES POLYMERES FILMOGENES CELLULOSIQUES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IVORY, Alisa, Ann** [US/US]; 1602 Shenandoah Avenue, Cincinnati, Ohio 45237 (US). **ROSSMAN, James, M.** [US/US]; 7455 Adamo Drive, Tampa, Florida 33619 (US). **LEE, Kuo-Chung, Mark** [US/US]; 6459 Katherine Manor Court, Hamilton, Ohio 45011 (US).

(74) **THE PROCTER & GAMBLE COMPANY**; T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 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 UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ **A61K 7/06, 31/198, 31/726, 33/30, 33/32, 33/34**

(11) **WO 2004/087085** (13) A1

(21) PCT/US2004/009036

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 10/400,795 **28 Mar/mar 2003 US (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS OF PROMOTING HAIR GROWTH
• PROCEDES DE STIMULATION DE LA CROISSANCE CAPILLAIRE

(71, 72) **MURAD, Howard** [US/US]; 4265 Marina City Drive, Penthouse, Marina del Ray, CA 90292 (US).

(74) **DIETZE, Paul, E. et al.** / etc.; Morgan, Lewis & Bockius LLP, 1111 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ **A61K 7/13**

(11) **WO 2004/087086** (13) A2

(21) PCT/EP2004/003148

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) de (26) de

(30) 103 15 421.3 **3 Apr/avr 2003 DE (03.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • EFFICIENT OXIDATIVE HAIR PREPARATION COMPRISING FIBER STRUCTURE STABILIZATION BY MEANS OF RADICAL INTERCEPTORS
• AGENT DE TRAITEMENT CAPILLAIRE OXYDATIF PERFORMANT AVEC STABILISATION DE LA STRUCTURE DES FIBRES PAR DES CAPTEURS RADICALAIRES

(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) **HÖFFKES, Horst** [DE/DE]; Carl-Schmidt-Strasse 113, 40595 Düsseldorf (DE). **POPPE, Elisabeth** [DE/DE]; Erftstrasse 26, 40219 Düsseldorf (DE). **DOLHAINE, Hans** [DE/DE]; Bendgasse 20, 41352 Korschenbroich (DE).

(74) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN**; Patente (VTP), 40191 Düsseldorf (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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ **A61K 7/16, 7/18**

(11) **WO 2004/087087** (13) A1

(21) PCT/EP2004/002849

(22) **16 Mar/mar 2004 (16.03.2004)**

(25) en (26) en

(30) 03252171.8 **4 Apr/avr 2003 EP (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR THE MANUFACTURE OF AN ORAL COMPOSITION
• PROCEDE POUR LA FABRICATION D'UNE COMPOSITION ORALE

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NA NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)

(71) **UNILEVER PLC** [GB/GB]; UNILEVER HOUSE, Blackfriars, London, Greater London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020 (IN).
(only for / seulement pour IN)

(72, 75) **BURNET, James, Gavin** [GB/GB]; UNILEVER R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB). **FLANAGAN, Mark** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB). **GREGORY, Donald, Peter** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB). **MACKIE,**

- Christopher, Leonard** [GB/GB]; Jasper Cottage, Wellgreen, St Cyrus, Montrose DD10 0BL (GB). **PRICE, Jeffrey** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB).
- (74) **NEUBOULD, Frazer, Anthony**; Unilever NV, Patent Department, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (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)⁷ **A61K 7/16**
- (11) **WO 2004/087089** (13) A2
- (21) PCT/US2004/008963
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 60/457,875 **26 Mar/mar 2003** US (26.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • RAPIDLY DISSOLVING EDIBLE FILM COMPOSITIONS WITH IMPROVED FILM STRENGTH AND STABILITY
- COMPOSITIONS DE FILM COMESTIBLE A DISSOLUTION RAPIDE A TENUE ET STABILITE DE FILM AME-LIOREES
- (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) **IVORY, Alisa, Ann** [US/US]; 1602 Shenandoah Avenue, Cincinnati, OH 45237 (US). **ROSSMAN, James, M.** [US/US]; 7455 Adamo Drive, Tampa, FL 33619 (US). **LEE, Kuo-Chung, Mark** [US/US]; 6459 Katherine Manor Court, Hamilton, OH 45011 (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).
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- (51)⁷ **A61K 7/48**
- (11) **WO 2004/087091** (13) A2
- (21) PCT/FR2004/000769
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) fr (26) fr
- (30) 03/03886 **28 Mar/mar 2003** FR (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • COSMETIC OR PHARMACEUTICAL COMPOSITION COMPRISING AMINO ACIDS, USES AND TREATMENT METHODS
- COMPOSITION COSMETIQUE OU PHARMACEUTIQUE COMPRENANT DES ACIDES AMINES, UTILISATION ET PROCÉDE DE TRAITEMENT
- (71) **SOCIÉTÉ D'EXTRACTION DES PRINCIPES ACTIFS (VINCIENCE SA)** [FR/FR]; 655, route du Pin Montard, F-06410 Biot (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAL FARRA, Claude** [FR/FR]; 30 chemin de San Peyre, F-06650 Opio (FR). **DOMLOGE, Nouha** [SY/FR]; 10 traverse du Barri, F-06560 Valbonne (FR). **PEYRONEL, Dominique** [FR/FR]; 25 avenue des Lys, F-13014 Marseille (FR).
- (74) **DAL FARRA, Daniel**; Société d'Extraction des Principes actifs (Vincien, ce 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
- Christopher, Leonard** [GB/GB]; Jasper Cottage, Wellgreen, St Cyrus, Montrose DD10 0BL (GB). **PRICE, Jeffrey** [GB/GB]; Unilever R & D Port Sunlight, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB).
- (74) **NEUBOULD, Frazer, Anthony**; Unilever NV, Patent Department, Olivier van Noortlaan 120, NL-3133 AT Vlaardingen (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)⁷ **A61K 7/16**
- (11) **WO 2004/087088** (13) A1
- (21) PCT/EP2004/003234
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 03252083.5 **2 Apr/avr 2003** EP (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ORAL COMPOSITION COMPRISING MICRON-SIZED LANTHANIDE METAL OXIDE
- COMPOSITION A ADMINISTRATION ORALE COMPRENANT UN OXYDE METALLIQUE DE LANTHANIDE DE L'ORDRE DU MICROMETRE
- (71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(only for / seulement pour AL AM AT AU AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NA NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)
- (71) **UNILEVER PLC** [GB/GB]; UNILEVER HOUSE, Blackfriars, London Greater London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL IS KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)
- (71) **HINDUSTAN LEVER LIMITED** [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020 (IN).
(only for / seulement pour IN)
- (72, 75) **PICKLES, Matthew, Jonathan** [GB/GB]; UNILEVER R & D PORT SUNLIGHT, Quarry Road East, Bebington, Wirral Merseyside CH63 3JW (GB).
- (74) **NEUBOULD, Frazer**; UNILEVER N.V., PATENT DEPARTMENT, Olivier van Noortlaan 120, NL-3133AT Vlaardingen (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

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ A61K 7/48

(11) WO 2004/087092 (13) A1

(21) PCT/US2004/009592

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/402,820 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • TACKY SKIN CARE COMPOSITIONS
AND ARTICLES HAVING TACKY
SKIN CARE COMPOSITIONS DIS-
POSED THEREON

- COMPOSITIONS COLLANTES POUR
LES SOINS DE LA PEAU ET ARTICLES
SUR LESQUELS CES COMPOSITIONS
SONT PLACEES

(71) THE PROCTER & GAMBLE COM-
PANY [US/US]; One Procter & Gamble
Plaza, Cincinnati, OH 45202 (US).

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

(72, 75) KLOFTA, Thomas, James [US/US];
10404 Hopewell Hills Drive, Cincinnati, OH
45249 (US).

(74) REED, T., David; 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).

Published / Publiée : (c)

(51)⁷ A61K 8/67, 7/42, 31/455 // A61P 17/16

(11) WO 2004/087093 (13) A1

(21) PCT/DK2004/000201

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/401,957 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • A TOPICAL AGENT CONTAINING
NIACIN FOR APPLICATION TO THE
SKIN PRIOR TO LUMINOUS TREAT-
MENT

- AGENT TOPIQUE CONTENANT DE
LA NIACINE POUR UNE APPLICA-
TION CUTANEE AVANT UN TRAITE-
MENT LUMINEUX

(71) CORTEX TECHNOLOGY APS
[DK/DK]; Smedevænget 10, DK-9560
Hadsund (DK).

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

(72, 75) CHRISTENSEN, Flemming, Kjær-
gaard [DK/DK]; Gl. Vivevej 90, DK-9560
Hadsund (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).

Published / Publiée : (a)

(51)⁷ A61K 9/00

(11) WO 2004/087094 (13) A2

(21) PCT/CA2004/000506

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,255 2 Apr/avr 2003 US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • COMPOSITIONS FOR TREATING
DRUG RESISTANCE

- COMPOSITIONS POUR TRAITER LA
RESISTANCE AUX MEDICAMENTS

(71) CELATOR TECHNOLOGIES INC.
[CA/CA]; Suite 200, 604 West Broadway,
Vancouver, British Columbia V6Z 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 V7R 3C6 (CA).
SHEW, Clifford [CA/CA]; #805, 388 Drake
Street, Vancouver, British Columbia V6B
6A8 (CA).

(74) ROBINSON, J., Christopher et al. / etc.;
Fetherstonhaugh & Co., Box 11560 Vancou-
ver Centre, Suite 2200, 650 West Georgia
Street, Vancouver, British Columbia V6B
4N8 (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)⁷ A61K 9/00

(11) WO 2004/087095 (13) A2

(21) PCT/CR2004/000004

(22) 30 Mar/mar 2004 (30.03.2004)

(25) es (26) es

(30) 60/459,098 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • OSMOTIC DEVICE CONTAINING
ZAFIRLUKAST AND A H1 ANTAGO-
NIST

- DISPOSITIF OSMOTIQUE CONTE-
NANT DU ZAFIRLUKAST ET UN
ANTAGONISTE H1

(71) OSMOTICA COSTA RICA, SOCIEDAD
ANONIMA [CR/CR]; P.O. Box 5173-1000,
San José (CR).

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

(72, 75) VERGEZ, Juan, A. [AR/AR]; Uriburu
1316, Beccar, 1643 Buenos Aires (AR).
FAOUR, Joaquina [AR/AR]; Olleros 2312,
8 B, 1426 Buenos Aires (AR). BEFUMO,
Marcelo, F. [AR/AR]; Av. Rivadavia 2342,
1ro B, 1034 Capital Federal Buenos Aires
(AR).

(74) GUARDIA ECHANDI, Tomás; Apartado
Postal 5173-1000, San José (CR).

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

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

(51)⁷ A61K 9/00, 9/14

(11) WO 2004/087096 (13) A1

(21) PCT/HR2003/000013

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PHARMACEUTICAL COMPOSITIONS
HAVING REDUCED BITTER TASTE

- COMPOSITIONS PHARMACEUTIQUES AYANT UN GOUT AMER REDUIT
- (71) **PLIVA-ISTRAZIVACKI INSTITUT d.o.o.** [HR/HR]; Prilaz baruna Filipovica 29, 10000 Zagreb (HR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIRAVADEKAR, S. Harshal** [IN/IN]; 101, Shree Sai Vishwas, Ram Murati Road Ext., Dadar, Mumbai 400 028 (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 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).
-
- (51)⁷ **A61K 9/00**
- (11) **WO 2004/087097** (13) A2
- (21) PCT/IL2004/000294
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 60/458,404 **31 Mar/mar 2003 US (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LIPID ASSEMBLIES COMPRISING NON-LIPOSOME FORMING AMPHIPHILES
• ENSEMBLES DE LIPIDES CONTENANT DES AMPHIPHILES DE FORMATION NON LIPOSOMIQUE
- (71) **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; Hi Tech Park, Edmond Safra Campus, Givat Ram, Jerusalem, 91390 (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BARENHOLZ, Yechezkel** [IL/IL]; 18 Nave Shaanan Street, Jerusalem, 93707 (IL). **KHAZANOV, Elena** [IL/IL]; 18/8 Shderot Ha-Yarkon, Ramat Beit Shemesh, 99000 (IL). **SCHILLEMANS, Joris** [NL/NL]; 1 Don Emanuel Straat, 6602GX Wijchen (NL).
- (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)⁷ **A61K 9/00**
- (11) **WO 2004/087099** (13) A2
- (21) PCT/US2004/009044
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/457,752 **26 Mar/mar 2003 US (26.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHODS AND DEVICES FOR HOLDING A COMPOSITION
• PROCÉDES ET DISPOSITIFS SERVANT À CONTENIR UNE COMPOSITION
- (71) **LAVIPHARM S.A.** [GR/GR]; Agias Marinas St., P.O. Box 59, Peania 19002, Attica (GR).
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **A61K 9/00**
- (11) **WO 2004/087098** (13) A2
- (21) PCT/US2004/008913
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) en (26) en
- (30) 10/400,893 **27 Mar/mar 2003 US (27.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PRESERVED OPHTHALMIC COMPOSITIONS
• COMPOSITIONS OPHTHALMIQUES CONSERVEES
- (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) **CHANG, James, N.** [US/US]; 36 Cervantes, Newport Beach, CA 92660 (US). **GRAHAM, Richard** [US/US]; 5066 Bal-sawood, Irvine, CA 92612 (US). **OLEJNIK, Orest** [US/US]; 5 Addington Place, Coto De Caza, CA 92679 (US). **HUTH, Stanley, W.** [US/US]; 1975 Port Laurent, Newport Beach, CA 92660 (US). **LUU, Michelle** [US/US]; 11591 Norma Lane, Garden Grove, CA 92840 (US).
- (74) **FISHER, Carlos, 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)⁷ **A61K 9/00**
- (11) **WO 2004/087100** (13) A2
- (21) PCT/US2004/009384
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/458,922 **28 Mar/mar 2003 US (28.03.2003)**
- (30) 60/484,756 **2 Jul/juil 2003 US (02.07.2003)**
- (30) 60/541,246 **4 Feb/fév 2004 US (04.02.2004)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CLADRIBINE FORMULATIONS FOR IMPROVED ORAL AND TRANSMUCOSAL DELIVERY
• PREPARATIONS À BASE DE CLADRIBINE PERMETTANT UNE ADMINISTRATION ORALE ET TRANSMUCOSALE AMÉLIORÉE
- (71) **IVAX CORPORATION** [US/US]; 4400 Biscayne Boulevard, Miami, FL 33137 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BODOR, Nicholas, S.** [US/US]; 10101 Collins Avenue #4A, Bal Harbour, FL 33154 (US).
- (74) **STEPNO, Norman, H. et al.** / etc.; 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
- (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)⁷ A61K 9/00

(11) WO 2004/087101 (13) A2

(21) PCT/US2004/009387

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,922 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/484,756 2 Jul/juil 2003 US
(02.07.2003)

(30) 60/541,247 4 Feb/fév 2004 US
(04.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ORAL FORMULATIONS OF CLADRIB-
INE

• FORMULATIONS DE LA CLADRI-
BINE A ADMINISTRATION PAR VOIE
ORALE

(71) IVAX CORPORATION [US/US]; 4400
Biscayne Boulevard, Miami, Florida 33137
(US).

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

(72, 75) BODOR, Nicholas, S. [US/US]; 10101
Collins Avenue, #4A, Bal Harbour, Florida
33154 (US). DANDIKER, Yogesh [GB/GB];
17 New Road, Digswell, Welwyn Garden City
Herts AL6 OAE (GB).

(74) STEPNO, Norman, H. et al. / etc.; BURNS,
DOANE, SWECKER & MATHIS, LLP, PO
BOX 1404, Alexandria, VA 22313-01404
(US).

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

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

(51)⁷ A61K 9/00

(11) WO 2004/087102 (13) A2

(21) PCT/US2004/009447

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,083 26 Mar/mar 2003 US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PROCESS FOR PREPARING A
PHARMACEUTICAL ACTIVE IN-
GREDIENT WITH HIGH SPECIFIC
SURFACE AREA

• PROCEDE DE PREPARATION D'UN
PRINCIPE ACTIF PHARMACEUTIQUE
A AIRE DE SURFACE SPECIFIQUE
ELEVÉE

(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) SAMBURSKI, Guy [IL/IL]; Hairusim
19, 42930 Ganot-Hadar (IL).

(74) BRAINARD, Charles, R.; 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)⁷ A61K 9/107, 47/34, 47/42, 31/409, A61P
27/02

(11) WO 2004/087103 (13) A1

(21) PCT/JP2004/004412

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-089485 28 Mar/mar 2003 JP
(28.03.2003)

(30) 2003-151876 29 May/mai 2003 JP
(29.05.2003)

(30) 2003-313808 5 Sep/sep 2003 JP
(05.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPHTHALMIC DRUG DELIVERY
SYSTEM USING POLYMER MICELL

• SYSTEME DE LIBERATION DE MEDI-
CAMENT OPHTALMIQUE UTILISANT
DES MICELLES POLYMERIQUES

(71) NANOCARRIER KABUSHIKI KAISHA
[JP/JP]; 4-6, Kashiwanoha 5-chome,
Kashiwa-shi, Chiba, 2770882 (JP).

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

(72, 75) KATAOKA, Kazunori [JP/JP]; 5-17-22,
Kamagino-miya Nakano-ku, Tokyo,
1650031 (JP). TAMAKI, Yasuhiro [JP/JP];
3-2-1-303, Nishigahara, Kita-ku, Tokyo,
1140024 (JP). HARADA, Atsushi [JP/JP];
3-1413, 6-1034-6, Nakamo-cho, Sakai-shi,
Osaka, 5918023 (JP). TASAKA, Fumitaka
[JP/JP]; 3-2-11-205, Okayamahigashi, Shi-
jonawate-shi, Osaka, 5750003 (JP).

(74) HIBI, Norihiko et al. / etc.; c/o KISHI-
MOTO & CO. 3rd Floor, Inaba Building,
13-18, Nishishinsaibashi 1-chome, Chuo-ku,
Osaka-shi, Osaka, 5420086 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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)⁷ A61K 9/127, 9/51, 31/4745, 31/7072, 47/02

(11) WO 2004/087104 (13) A1

(21) PCT/CA2004/000505

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,171 2 Apr/avr 2003 US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHARMACEUTICAL COMPOSITIONS
CONTAINING ACTIVE AGENTS HAV-
ING A LACTONE GROUP AND TRAN-
SITION METAL IONS

• COMPOSITIONS PHARMACEU-
TIQUES CONTENANT DES AGENTS
ACTIFS AYANT UN GROUPE LAC-
TONE ET DES IONS DE METAUX DE
TRANSITION

(71) CELATOR TECHNOLOGIES, INC.
[CA/CA]; Suite 200, 604 West Broadway,
Vancouver, British Columbia 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).

(74) ROBINSON, Christopher, J. et al. / etc.;
Fetherstonhaugh & Co., Box 11560 Vancou-
ver Centre, Suite 2200, 650 West Georgia
Street, Vancouver, British Columbia V6B
4N8 (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 : (c)

(51)⁷ A61K 9/127, 31/282, 33/24, 31/7072,
31/513, 31/7068

(11) WO 2004/087105 (13) A1

(21) PCT/CA2004/000508

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,251 2 Apr/avr 2003 US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMBINATION FORMULATIONS OF PLATINUM AGENT AND FLUOROPYRIMIDINES

• FORMULATIONS ASSOCIANT DU PLATINE ET DES FLUOROPYRIMIDINES

(71) CELATOR TECHNOLOGIES INC. [CA/CA]; 604 West Broadway, Suite 200, Vancouver, British Columbia V5Z 1G1 (CA). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MAYER, Lawrence [CA/CA]; 2416 Carmaria Court, North Vancouver, British Columbia V7J 3M4 (CA). BALLY, Marcel [CA/CA]; P-11, 1055 Harding Road, Bowen Island, British Columbia V0N 1G0 (CA). WEBB, Murray [CA/CA]; 3640 Sunnycrest Drive, North Vancouver, British Columbia V7R 3C5 (CA). TARDI, Paul [CA/CA]; 19081 Sundale Court, Surrey, British Columbia V3S 7M6 (CA). SHEW, Clifford [CA/CA]; #805, 388 Drake Street, Vancouver, British Columbia V6B 6A8 (CA).

(74) ROBINSON, Christopher, J. et al. / etc.; Fetherstonhaugh & Co., Box 11560 Vancouver Centre, Suite 2200, 650 West Georgia Street, Vancouver, British Columbia V6B 4N8 (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)⁷ A61K 9/127, 47/24, 47/28, 47/36, 47/42, 47/34

(11) WO 2004/087106 (13) A1

(21) PCT/JP2004/003765

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-093440 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF CONTROLLING RELEASE SPEED OF SUBJECT TO BE TRANSPORTED FROM LIPOSOME

• PROCEDE DE COMMANDE DE LA LIBERATION D'UN SUJET A TRANSPORTER DEPUIS UN LIPOSOME

(71) FUJIREBIO INC. [JP/JP]; 62-5, Nihonbashi-Hamacho 2-chome, Chuo-ku, Tokyo 1030007 (JP).

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

(72, 75) NISHIYA, Takako [JP/JP]; c/o Fujirebio Inc., 62-5, Nihonbashi-Hamacho 2-chome, Chuo-ku, Tokyo 1030007 (JP). TOMA, Chikaho [JP/JP]; c/o Fujirebio Inc., 62-5,

Nihonbashi-Hamacho 2-chome, Chuo-ku, Tokyo 1030007 (JP).

(74) TANIGAWA, Hidejiro; c/o Tanigawa and Associates, Patent Firm, 6F, Iwata Bldg., 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 1020072 (JP).

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

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

(51) A61K 9/127

(11) WO 2004/087107 (13) A1

(21) PCT/KR2004/000367

(22) 23 Feb/fév 2004 (23.02.2004)

(25) ko (26) en

(30) 10-2003-0011424 24 Feb/fév 2003 KR (24.02.2003)

(30) 10-2003-0011423 24 Feb/fév 2003 KR (24.02.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CATIONIC LIPOSOME TARGETING SEBACEOUS GLANDS

• LIPOSOME CATIONIQUE CIBLANT LES GLANDES SEBACEES

(71) TRICHOGENE INC. [KR/KR]; Department Of Immunology, School Of Medicine, Kyungpook National University, 101 Dong-gong 1-ga, Jung-gu, Daegu 700-421 (KR).

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

(71, 72) KIM, Jung-Chul [KR/KR]; #103-906 Seohan Hwasung Apt., 1328 Bum-mool-2-dong, Suseong-gu, Daegu 706-766 (KR).

(72, 75) JUN, Mee-Sook [KR/KR]; 102-705 Gaenari Apt., 884-4 Oksan-dong, Gyeongsang-si, Gyeongsangbuk-do 712-761 (KR). HAN, In-Sook [KR/KR]; 105-207 Yeongnam Woobang 2-cha Apt., 416-1 Yongsan-dong, Dalseo-gu, Daegu 704-925 (KR).

(74) LEE, Sang-Yong et al. / etc.; 4f., Byukcheon Bldg., 1597-5, Seocho-dong, Seocho-gu, Seoul 137-876 (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 PT 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)⁷ A61K 9/16, 9/50

(11) WO 2004/087108 (13) A1

(21) PCT/IB2004/000921

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/459,382 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TASTE-MASKING VEHICLE FOR COATED OXAZOLIDINONE PARTICLES

• EXCIPIENT DE MASQUAGE DE GOUT POUR DES PARTICULES D'OXAZOLIDINONE ENROBÉES

(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) FREDRICKSON, Jennifer, K. [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). KISTKA, Julia, A. [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US). REO, Joseph, P. [US/US]; Pfizer Global Research and Development, 301 Henrietta Street, Kalamazoo, MI 49001 (US).

(74) LUMB, J., Trevor; Pfizer Inc., P.O. Box 1027, St. Louis, 63006 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ A61K 9/20, 9/48, 45/00, 47/30, 31/513, 31/58, A61P 1/04, 35/00

(11) WO 2004/087109 (13) A1

(21) PCT/JP2003/003804

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEDICINAL ORAL PREPARATIONS FOR COLON DELIVERY, MEDICINAL ORAL PREPARATIONS FOR TREATING COLON CANCER AND MEDICINAL ORAL PREPARATIONS FOR TREATING COLITIS

• PRÉPARATIONS MÉDICAMENTEUSES ORALES LIBÉRÉES AU NIVEAU DU COLON, PRÉPARATIONS

MEDICAMENTEUSES ORALES POUR
TRAITER LE CANCER DU COLON
ET PREPARATIONS MEDICAMEN-
TEUSES ORALES POUR TRAITER LA
COLITE

(71) **HISAMITSU PHARMACEUTICAL CO., INC.** [JP/JP]; 408, Tashirodaikan-machi, Tosu-shi, Saga 841-0017 (JP).

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

(72, 75) **SATO, Shuji** [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). **GOTO, Takeshi** [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). **TANIDA, Norifumi** [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). **MENO, Tatsuya** [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). **YOSHINAGA, Takaaki** [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). **YONEMURA, Keishi** [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP).

(74) **KUZUWA, Kiyoshi**; Patent Attorneys, Kuzuwa & Partners, AOI Bldg., 19, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP).

(81) CA 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)⁷ **A61K 9/20**

(11) **WO 2004/087110** (13) A1

(21) PCT/JP2004/004369

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ja (26) ja

(30) 2003-092745 **28 Mar/mar 2003 JP (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SCORED TABLET

• COMPRIME SECABLE

(71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).

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

(72, 75) **MIYABE, Junichi** [JP/JP]; c/o Fuji Plant, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). **MURAI, Kouji** [JP/JP]; c/o Fuji Plant, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). **GOTO, Tomohiko** [JP/JP]; c/o Fuji Plant, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). **UENO, Yasuhiko** [JP/JP]; c/o Fuji Plant, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP).

(74) **IWATANI, Ryo**; Sakurabashi Chiyoda Bldg. 5F., 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0003 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ **A61K 9/28**

(11) **WO 2004/087111** (13) A1

(21) PCT/IB2004/001036

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 569/DEL/2003 **4 Apr/avr 2003 IN (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ORAL TASTE MASKED PHARMACEUTICAL COMPOSITIONS

• COMPOSITIONS PHARMACEUTIQUES ORALES A GOUT MASQUE

(71) **RANBAXY LABORATORIES LIMITED** [IN/IN]; 19, Nehru Place, New Delhi, Delhi 110 019 (IN).

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

(72, 75) **POPLI, Harvinder** [IN/IN]; 11/1, Nehru Enclave (East), New Delhi 110019 (IN). **BHADAURIA, Pradeep** [IN/IN]; House No. D-2233, Sudama Nagar, Indore, Madhya Pradesh 452009 (IN). **VERMA, Sudhir** [IN/IN]; A/G-146, Shalimar Bagh, Delhi 110088 (IN).

(74) **RANBAXY LABORATORIES LIMITED**; c/o DESHMUKH, Jay R., 600 College Road East, Suite 2100, 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)⁷ **A61K 9/30**

(11) **WO 2004/087112** (13) A1

(21) PCT/KR2003/000814

(22) **22 Apr/avr 2003 (22.04.2003)**

(25) ko (26) en

(30) 10-2003-0019890 **31 Mar/mar 2003 KR (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MANUFACTURING METHOD AND FORMULATION FOR BITTER TASTE MASKED ORAL DOSAGE FORM OF CLARITHROMYCIN

• FORMULATION POUR FORME POSOLOGIQUE ORALE DE CLARITHROMYCINE DANS LAQUELLE L'AMERTUME EST MASQUEE, ET PROCEDE DE FABRICATION

(71) **KOREA UNITED PHARM, INC.** [KR/KR]; 154-8 Nonhyun-Dong, Kangnam-ku, 135-101 Seoul (KR).

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

(72, 75) **CHO, Dong-Hyun** [KR/KR]; 206-85 Gamman1-dong, Nam-gu, 608-802 Pusan (KR). **GIL, Young-Sig** [KR/KR]; Buyoung APT 810-1506, 320 Keumcheon-dong, Sangdang-gu, Cheongju, 360-803 Chungcheongbuk-Do (KR). **HONG, Seok-Cheon** [KR/KR]; Kangkyung APT ma-140, 109 Hongkyo-ri, Kangkyung-up, Nonsan, 320-903 Chungcheongnam-Do (KR). **YU, Chang-Hun** [KR/KR]; Boyoung APT 401, 153-1 Keumgu-ri Okcheon-eup, Okcheon-gun, 373-800 Chungcheongbuk-Do (KR).

(74) **KIM, Hong-Gyun**; 4F Wooyoung Building, 637-20, Yoksam-Dong, Kangnam-Ku, 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 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)⁷ **A61K 9/32, 9/52, 31/606, A61P 1/00**

(11) **WO 2004/087113** (13) A1

(21) PCT/IB2004/001041

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 568/Del/2003 4 Apr/avr 2003 IN
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHARMACEUTICAL COMPOSITIONS
FOR COLON SPECIFIC DELIVERY

- COMPOSITIONS PHARMACEU-
TIQUES POUR LIBERATION SPE-
CIFIQUE DANS LE COLON

(71) RANBAXY LABORATORIES LIMITED
[IN/IN]; 19, Nehru Place, New Delhi 110019,
Delhi (IN).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RAHEJA, Praveen [IN/IN]; C-1A-3B,
Janak Puri, New Delhi 110058, Delhi (IN).
ISLOOR, Shashikanth [IN/IN]; 31/99 (5),
Sri Rampur Extn., Sagar, Shimoga 577401,
Karnataka (IN). SETHI, Sanjeev [IN/IN];
House No. 365, Sector - 8, Faridabad 121006,
Uttar Pradesh (IN). MALIK, Rajiv [IN/IN];
Haus 13/4, unterer Schreiberweg, 1190,
A-1190 Wein (AT).(74) RANBAXY LABORATORIES LIM-
ITED; c/o DESHMUKH, Jay, R., 600
College Road East, Suite 2100, 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).

Published / Publiée : (c)

(51)⁷ A61K 9/48, 47/10, 35/78

(11) WO 2004/087114 (13) A1

(21) PCT/EP2004/003400

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 15 027.7 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CAPSULES WITH DELAYED RE-
LEASE OF THE CAPSULE CONTENTS
FOR ORAL ADMINISTRATION

- CAPSULES POUR ADMINISTRATION
ORALE A ACTION RETARDEE DU
CONTENU DE LA CAPSULE

(71) BIOPLANTA ARZNEIMITTEL GMBH
[DE/DE]; Bahnhofstr.5, 76275 Ettlingen
(DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HERRMANN, Joachim [DE/DE]; Wil-
helm-Busch-Strasse 2, 68789 St. Leon-Rot
(DE). STUMPF, Karl-Heinz [DE/DE];
Fuchsbau 27, 76228 Karlsruhe (DE).(74) ADAM, Holger; Kraus & Weisert, Thomas-
Wimmer-Ring 15, 80539 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)⁷ A61K 31/00

(11) WO 2004/087115 (13) A2

(21) PCT/CA2004/000507

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,169 2 Apr/avr 2003 US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMBINATION COMPOSITIONS OF
CAMPTOTHECINS AND FLUOROPY-
RIMIDINES

- COMPOSITIONS COMBINEES DE
CAMPTOTHECINES ET DE FLUORO-
PYRIMIDINES

(71) CELATOR TECHNOLOGIES INC.
[CA/CA]; 604 West Broadway, Suite 200,
vancouver, British Columbia V5Z 1G1 (CA).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MAYER, Lawrence [CA/CA]; 2416
Carmaria Court, North Vancouver, British
Columbia V7J 3M4 (CA). BALLY, Marcel
[CA/CA]; P-11, 1055 Harding Road, Bowen
Island, British Columbia V0N 1G0 (CA).
WEBB, Murray [CA/CA]; 3640 Sunnycrest
Drive, North Vancouver, British Columbia
V7R 3C6 (CA). TARDI, Paul [CA/CA];
19081 Sundale Court, Surrey, British Colum-
bia V3S 7M6 (CA). JOHNSTONE, Sharon
[CA/CA]; 573 East 29th Avenue, Vancouver,
British Columbia V5V 2S1 (CA).(74) ROBINSON, Christopher, J. et al. / etc.;
Fetherstonhaugh & Co., Box 11560 Vancou-
ver Centre, Suite 2200, 650 West Georgia
Street, Vancouver, British Columbia V6B
4N8 (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).CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A61K 31/00

(11) WO 2004/087116 (13) A2

(21) PCT/CR2004/000003

(22) 5 Mar/mar 2004 (05.03.2004)

(25) es (26) es

(30) 60/452,077 5 Mar/mar 2003 US
(05.03.2003)(30) 60/452,055 5 Mar/mar 2003 US
(05.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DRUG COMBINATION FOR MOTOR
DYSFUNCTION IN PARKINSON'S
DISEASE

- COMBINAISON DE MEDICAMENTS
POUR LE DYSFONCTIONNEMENT
MOTEUR DANS LA MALADIE DE
PARKINSON

(71) OSMOTICA COSTA RICA, SOCIEDAD
ANONIMA [CR/CR]; P.O. Box 5173-1000,
San José (CR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) VERGEZ, Juan, A. [AR/AR]; Uriburu
1316, Beccar, 1643 Buenos Aires (AR).
LANIER, Alan, B. [US/US]; 12505
Boone Hall CT., Raleigh, NC 27614
(US). FELEDER, Ethel, C. [AR/AR];
Luis Maria Campos 449 2A, 1426 Buenos
Aires (AR). MEYER, Glenn, A. [US/US];
6117 Clairidge Road, Wilmington, NC 28403
(US). RICCI, Marcelo, A. [AR/AR]; Griveo
3842, 1419 Buenos Aires (AR). FAOUR,
Joaquina [AR/AR]; Ollereros 2312, 8°B, 1426
Buenos Aires (AR).(74) GUARDIA ECHANDI, Tomás; P.O. Box
5173-1000, San José (CR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A61K 31/00

(11) WO 2004/087117 (13) A2

(21) PCT/EP2004/003155

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 14 976.7 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED PENETRATION OF AC-
TIVE SUBSTANCES INTO CELLS AND
ORGANS

- PENETRATION AMELIOREE
D'AGENTS ACTIFS DANS DES CEL-
LULES ET DES ORGANES

(71) **BAYER HEALTHCARE AG** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARDER, Achim** [DE/DE]; Europaring 54, 51109 Köln (DE). **HEEP, Iris** [DE/DE]; Grüner Weg 7a, 50859 Köln (DE). **HERRMANN, Stefan** [DE/DE]; Virneburgstr. 4a, 40764 Langenfeld (DE). **GRUNKEMEYER, Jeffery-Lynn** [US/CH]; Klauenfeldstr. 30, CH-4132 Muttentz 1 (CH). **KALBE, Jochen** [DE/DE]; Immigrather Str. 58a, 42799 Leichlingen (DE). **MEHLHORN, Heinz** [DE/DE]; St.-Georg-Str. 21, 41468 Neuss (DE). **SCHMIDT, Jürgen** [DE/DE]; Norferstr. 9, 40221 Düsseldorf (DE). **SCHMAHL, Günther** [DE/DE]; Merheimer Str. 478, 50735 Köln (DE).

(74) **BAYER HEALTHCARE 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).

(51)⁷ **A61K 31/00**

(11) **WO 2004/087118** (13) A2

(21) PCT/EP2004/003511

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 0307864.9 **4 Apr/avr 2003 GB (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **ORGANIC COMPOUNDS**
• **COMPOSES ORGANIQUES**

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)

(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour US)

(72, 75) **GRASSBERGER, Maximilian** [AT/AT]; Schaumburgergasse 12/7, A-1040 Wien (AT). **HIRSCH, Stefan** [DE/DE]; Theodor-Heuss-Strasse 21A, 79539 Lörrach (DE). **MAYER, Friedrich, Karl** [AT/CH]; Im Ziegelgarten 9, CH-4104 Oberwil (CH). **MEINGASSNER, Josef, Gottfried** [AT/AT]; Max Margules Weg 10, A-2380 Perchtoldsdorf (AT). **PAUL, Carle** [FR/FR]; 20, rue du Sundgau, F-68100 Mulhouse (FR). **SEKKAT, Nabila** [MA/CH]; Davidsbodenstrasse 34, CH-4056 Basel (CH). **STÜTZ, Anton** [AT/AT]; Haymogasse 140, A-1238 Wien (AT).

(74) **GRUBB, Philip**; Novartis 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).

(51)⁷ **A61K 31/00**

(11) **WO 2004/087119** (13) A2

(21) PCT/FR2004/000682

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

(25) fr (26) fr

(30) 0303865 **28 Mar/mar 2003 FR (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **COMPOSITIONS CONTAINING SUPEROXIDE DISMUTASE AND A SELECTED ET 5-LIPOXYGENASE INHIBITOR AND USES THEREOF**
• **COMPOSITIONS RENFERMANT UNE SUPEROXYDE DISMUTASE ET UN INHIBITEUR DE LA 5-LIPOXYGENASE SELECTIONNE ET APPLICATIONS**

(71) **ISOCELL** [FR/FR]; 53, Boulevard du Général Martial Valin, F-75015 PARIS (FR).
(for all designated States except / pour tous les États désignés sauf US)

(71) **DUGAS, Marion** [FR/FR]; 4, Square des Muses, F-91370 VERRIERES LE BUISSON (FR). **DUGAS, Alexandre** [FR/FR]; 4, Square des Muses, F-91370 VERRIERES LE BUISSON (FR).
(only for / seulement pour US)

(72) **DUGAS, Bernard** (deceased / décédé).

(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)⁷ **A61K 31/00**

(11) **WO 2004/087120** (13) A2

(21) PCT/GB2004/001286

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 0307333.5 **29 Mar/mar 2003 GB (29.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **THERAPEUTIC AGENT**
• **AGENT THERAPEUTIQUE**

(71) **ASTRAZENECA AB** [SE/SE]; Sodertälje, SE-151 85 (SE).
(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 CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD 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)

(71) **ASTRAZENECA UK LIMITED** [GB/GB]; 15 Stanhope Gate, London, Greater London W1K 1LN (GB).
(only for / seulement pour MG)

(72, 75) **CURWEN, Jon, Owen** [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).

(51)⁷ **A61K 31/00**

(11) **WO 2004/087121** (13) A2

(21) PCT/US2004/009467

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

(25) en (26) en

(30) 60/459,466 **28 Mar/mar 2003 US (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **WATER-SOLUBLE FORMULATINOS OF DIGITALIS GLYCOSIDES FOR TREATING CELL-PROLIFERATIVE AND OTHER DISEASES**
• **FORMULATIONS HYDROSOLUBLES DE GLYCOSIDE DIGITAUX EN VUE DU TRAITEMENT DE LA PROLIFERATION CELLULAIRE ET D'AUTRES MALADIES**

(63) US 60/459,466 (CIP)
28 Mar/mar 2003 (28.03.2003)

(71) **AZAYA THERAPEUTICS, INC.** [US/US]; 130 West Rhapsody, San Antonio, TX 78216 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SINGH, Chandra** [US/US]; 4 Thornhurst Road, San Antonio, TX 78218 (US). **STREPPER, Robert** [US/US]; 405 B. East San Antonio Street, Marion, TX 78124 (US).

- (74) PARKER, David, L.; Fulbright & Jaworski, LLP, Suite 2400, 600 Congress Avenue, 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/122, A61P 31/04, C07C 49/647
- (11) WO 2004/087122 (13) A1
- (21) PCT/IN2003/000107
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • (-)-1-BISABOLONE ISOLATED FROM *CYMOPOGON FLEXOSUS* AND ANTIBACTERIAL ACTIVITY THEREOF
- (+)-1-BISABOLONE ISOLE DE <I>CYMOPOGON FLEXUOSUS</I> ET SON ACTIVITE ANTIBACTERIENNE
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) TANEJA, Subhash, Chandra; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). SHAHI, Ashok, Kumar; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). VERMA, Vijeshwar; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). SETHI, Vijay, Kumar; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). ANDOTRA, Samar, Singh; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). HASHMI, Abid, Zaffar; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). DUTT, Prabhu; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). BAKSHI, Santosh, Kumar; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). KOUL, Maharaj, Krishan; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). SHARMA, Satya, Narayan; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). CHANDRA, Suresh; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN). QAZI, Ghulam, Nabi; Regional Research Laboratory, Canal Road, Jammu, Jammu and Kashmir (IN).
- (74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048 (IN).
- (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)⁷ A61K 31/155, C07C 257/12, A61P 25/18
- (11) WO 2004/087124 (13) A1
- (21) PCT/GB2004/001367
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 0307370.7 29 Mar/mar 2003 GB (29.03.2003)
- (30) 0307366.5 29 Mar/mar 2003 GB (29.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • COMPOUNDS HAVING SEROTONIN 5-HT₁₇ RECEPTOR ANTAGONIST ACTIVITY AND MUSCARINIC M₄ RECEPTOR AGONIST ACTIVITY AND THEIR USE IN THE TREATMENT OF PSYCHOTIC DISORDERS
- COMPOSES PRESENTANT UNE ACTIVITE ANTAGONISTE DU RECEPTEUR DE LA SEROTONINE 5-HT₁₇ ET UNE ACTIVITE AGONISTE DU RECEPTEUR MUSCARINIQUE M₄ ET UTILISATION DE CES COMPOSES POUR LE TRAITEMENT DES TROUBLES PSYCHOTIQUES
- (71) MITSUBISHI PHARMA CORPORATION [JP/JP]; 2-2-6 Nihonbashi-Honcho, Chuo-Ku, Tokyo 103-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LIZOS, Dimitrios, Evangelou [GR/GB]; Yoshitomi Institute of Neuroscience in Glasgow (YR, ING), West Medical Building, University of Glasgow, Glasgow G12 8QQ (GB). McKERCHAR, Clare [GB/GB]; Yoshitomi Institute of Neuroscience in Glasgow (YR, ING), West Medical Building, University of Glasgow, Glasgow G12 8QQ (GB). MURPHY, John [GB/GB]; University of Strathclyde, Department of Pure & Applied Chemistry, McCance Building, 295 Cathedral Street, Glasgow G1 1XL (GB). SHIIGI, Yasuyuki [JP/JP]; Mitsubishi Pharma Corporation, 2-6 Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). SUCKLING, Colin [GB/GB]; University of Strathclyde, Department of Pure and Applied Chemistry, McCance Building, 295 Cathedral Street, Glasgow G1 1XL (GB). YASUMATSU, Hiroshi [JP/JP]; Mitsubishi Pharma Corporation, 2-6 Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). ZHOU, Sheng-ze [CN/JP]; Mitsubishi Pharma Corporation, 2-6 Nihonbashi-honcho 2-chome, Chuo-ku, Tokyo 103-8405 (JP). PRATT, Judith [GB/GB]; Yoshitomi Institute of Neuroscience in Glasgow (YRING), West Medical Building, University of Glasgow, Glasgow G12 8QQ (GB). MORRIS, Brian [GB/GB]; Yoshitomi Institute of Neuroscience in Glasgow (YR, ING), West Medical Building, University of Glasgow, Glasgow G12 8QQ (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61K 31/18, 31/63, A61P 1/00, 13/10, 25/00, 27/16, 43/00
- (11) WO 2004/087125 (13) A1
- (21) PCT/GB2004/001474

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307632.0 2 Apr/avr 2003 GB
(02.04.2003)(30) 0307633.8 2 Apr/avr 2003 GB
(02.04.2003)(30) 60/485,730 10 Jul/juil 2003 US
(10.07.2003)(30) 60/485,735 10 Jul/juil 2003 US
(10.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AMINO ACID DERIVATIVES AS INHIBITORS OF MAMMALIAN SODIUM CHANNELS

• DERIVES D'ACIDES AMINES EN TANT QU'INHIBITEURS DES CANAUX SODIQUES DE MAMMIFERES

(71) IONIX PHARMACEUTICALS LIMITED [GB/GB]; Unit 418, Cambridge Science Park, Milton Road, Cambridge CB4 0PA (GB).

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(72, 75) HAMLYN, Richard, John [GB/GB]; Ionix Pharmaceuticals Limited, Unit 418, Cambridge Science Park, Milton Road, Cambridge CB4 0PA (GB). TICKLE, David, Christopher [GB/GB]; Ionix Pharmaceuticals Limited, Unit 418, Cambridge Science Park, Milton Road, Cambridge CB4 0PA (GB). HUCKSTEP, Michael, Richard [GB/GB]; Ionix Pharmaceuticals Limited, Unit 418, Cambridge Science Park, Milton Road, Cambridge CB4 0PA (GB). LYNCH, Rosemary [GB/GB]; Ionix Pharmaceuticals Limited, Unit 418, Cambridge Science Park, Milton Road, Cambridge CB4 0PA (GB).

(74) SRINIVASAN, Ravi Chandran; 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)⁷ A61K 31/282

(11) WO 2004/087126 (13) A1

(21) PCT/CZ2004/000017

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) PV 2003-915 31 Mar/mar 2003 CZ
(31.03.2003)(30) PV 2004-235 12 Feb/fév 2004 CZ
(12.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHARMACEUTICAL COMPOSITION CONTAINING PLATINUM COMPLEX AS ACTIVE SUBSTANCE AND

METHOD OF MANUFACTURING THEREOF

• COMPOSITION PHARMACEUTIQUE CONTENANT UN COMPLEXE DE PLATINE UTILISE EN TANT QUE PRINCIPE ACTIF ET PROCEDE DE PRODUCTION ASSOCIE

(71) PLIVA-LACHEMA A.S. [—/CZ]; Karásek 1, 621 33 BRNO (CZ).

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

(72, 75) FRANC Ales [CZ/CZ]; Purkynova 19, 612 00 BRNO (CZ). SOVA Peter [CZ/CZ]; Jugmanova 1390, 500 02 HRADEC KRALOVE (CZ).

(74) KUBAT Jan; TRAPLOVA HAKR KUBAT, Law and Patent Offices, PO Box 38 Pristavni 24, 170 00 Praha 7 (CZ).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ A61K 31/341, 31/19, A61P 5/48

(11) WO 2004/087127 (13) A1

(21) PCT/IN2003/000129

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYNERGISTIC HEPATOPROTECTIVE COMPOSITION AND A METHOD THEREOF

• COMPOSITION HEPATOPROTECTRICE SYNERGIQUE ET METHODE CORRESPONDANTE

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

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

(72, 75) GUPTA, Vishwa, Nath [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). SURI, Krishan,

Avtar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). GUPTA, Bishan, Datt [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). JAGGI, Bupinder, Singh [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). SATTI, Naresh, Kumar [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). CHANDAN, Bal, Krishan [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). SHARMA, Neelam [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). BHARDWAJ, Vikram [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). SURI, Om, Parkash [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). QAZI, Ghulam, Nabi [IN/IN]; Regional Research Laboratory Jammu, Canal Road, Jammu 180 001 (IN). SURI, Jyotsna [IN/IN]; Government Medical College, Jammu 180 001 (IN). BARGOTRA, Madalsa [IN/IN]; Government Medical College, Jammu 180 001 (IN).

(74) BHOLA, Ravi; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (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 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 :

(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 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 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)⁷ A61K 31/35, A61P 31/10, 35/00

(11) WO 2004/087128 (13) A1

(21) PCT/IN2003/000097

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHYL-B-ORCINOLCARBOXYLATE FROM LICHEN (EVERNIAS-TRUM CIRRHATUM) FOR USE FOR THE TREATMENT OF FUNGAL INFECTIONS AND CANCER

• METHYL-BETA-ORCINOL-CARBOXYLATE TIRE DU LICHEN "EVERNIASTRUM CIRRHATUM" DESTINE

AU TRAITEMENT D'INFECTIONS
FONGIQUES ET DU CANCER

- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) **KHANUJA, Suman, Preet, Singh**; Central Institute Of Medicinal And Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **TIRUPPADIRIPULIYUR, Ranganathan, Santha, Kumar**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **GUPTA, Vivek, Kumar**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **CHAND, Preeti**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **GARG, Ankur**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SRIVASTAVA, Santosh, Kumar**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **VERMA, Subash, Chandra**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SAIKIA, Dharmendra**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **DAROKAR, Mahendra, Pandurang**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SHASANY, Ajit, Kumar**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **PAL, Anirban**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN).
- (74) **SUBRAMANIAM, Hariharan et al. / etc.**; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).
- (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 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).
- (51)⁷ A61K 31/352, 31/7048, 35/78, A61P 37/00
(11) WO 2004/087129 (13) A1
(21) PCT/KR2004/000722
(22) 30 Mar/mar 2004 (30.03.2004)
(25) ko (26) en
(30) 10-2003-0021476 4 Apr/avr 2003 KR (04.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • COMPOSITION FOR PREVENTING OR TREATING ALLERGIC DISEASE USING BLACK RICE EXTRACT AND ITS THERAPEUTIC USE
• COMPOSITION PERMETTANT LA PREVENTION ET LE TRAITEMENT DES MALADIES ALLERGIQUES,

COMPRENANT UN EXTRAIT DE RIZ
NOIR ET UTILISATION THERAPEU-
TIQUE DE CETTE COMPOSITION

- (71) **CELLMICS CO. LTD.** [KR/KR]; 452-2 Seongnae-dong, Gangdong-gu, Seoul 134-030 (KR).
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- (72, 75) **KIM, Jae-Hong** [KR/KR]; Baekma-maeul Apt. 211-102, Madoo 1-dong, Il-san-gu, Gyeonggi-do 411-708 (KR).
- (74) **KIM, Seog-Hyun**; 9th Floor, Daekyung Building, 120, 2-ka, Taepyung-ro, Chung-ku, Seoul 100-724 (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)⁷ A61K 31/37, 35/78, A61P 1/16
(11) WO 2004/087130 (13) A1
(21) PCT/IN2003/000100
(22) 31 Mar/mar 2003 (31.03.2003)
(25) en (26) en
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • HEPATOPROTECTIVE PHARMACEUTICAL COMPOSITION COMPRISING A MIXTURE OF COUMARINOLIGNOIDS AND PROCESS FOR PREPARATION THEREOF
• COMPOSITION PHARMACEUTIQUE HEPATOPROTECTRICE COMPRENANT UN MELANGE DE COUMARINOLIGNOIDES ET PROCEDE DE PREPARATION DE CELLE-CI
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg New Delhi 110 001 (IN).
- (72) **CHATTOPADHYAY, Sunil, Kumar**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SRIVASTAVA, Sachin**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **NEGI, Arvind, Singh**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **GUPTA, Archana**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **KHANUJA, Suman, Preet, Singh**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN).
- (74) **SUBRAMANIAM, Hariharan et al. / etc.**; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (IN).
- (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 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).

(51)⁷ A61K 31/381, C07D 495/04, A61P 11/14

(11) WO 2004/087131 (13) A1

(21) PCT/JP2004/004578

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-094506 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANTITUSSIVES

• ANTITUSSIFS

(71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).

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(72, 75) **MIKI, Ichiro** [SHII, Hidee]

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

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

(51)⁷ A61K 31/40, 31/13, 31/54, A61P 9/12

(11) WO 2004/087132 (13) A2

(21) PCT/US2004/010052

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,563 1 Apr/avr 2003 US (01.04.2003)

(30) 10/405,076 1 Apr/avr 2004 US (01.04.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMBINATION DRUG THERAPY FOR TREATING HYPERTENSION

• TRAITEMENT DE L'HYPERTENSION PAR ASSOCIATION DE MEDICAMENTS

(71) **UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED** [US/US]; 223 Grinter Hall, Gainesville, FL 32611 (US). **ABBOTT LABORATORIES** [US/US]; Abbott Park, D-377/AP6A, 100 Abbott Park Road, Abbott Park, IL 60064-6050 (US).

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

(72, 75) **PEPINE, Carl, J.** [US/US]; 6308 S.W. 37th Way, Gainesville, FL 32608 (US). **HANDBERG, Eileen, M.** [US/US]; 1410 N.W. 46th Terrace, Gainesville, FL 32605 (US). **COOPER-DEHOFF, Rhonda, M.** [US/US]; 433 Cedar Lane, Wilmette, IL 60091 (US). **DRAJESK, Jeff** [US/US]; 8343 Schaal Rd., Burlington, WI 53105 (US). **WILLIAMS, Laura** [US/US]; 1150 Hadley Circle, Gurnee, IL 60031 (US). **ZILLES, Peter, S.** [DE/DE]; Albrecht-Duerer, Strasse 39, 68623 Lampertheim (DE). **LEGLER, Udo, F.** [DE/DE]; An den Herrenaeckern 22a, 76829 Landau/Pfalz (DE).

(74) **MAEBIUS, Stephen, B.**; Foley & Lardner LLP, 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 US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **A61K 31/401, C07D 401/12, A61K 31/4439, C07C 259/06, A61P 31/04**

(11) **WO 2004/087133** (13) A1

(21) PCT/EP2004/003478

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 60/459,726 **2 Apr/avr 2003 US (02.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **CRYSTALLINE N-FORMYL HYDROXYLAMINE COMPOUNDS**

• **COMPOSES N-FORMYL-HYDROXYLAMINE CRISTALLINS**

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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

(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, 1230 Vienna (AT). (only for / seulement pour AT)

(71) **SLADE, Joel** [US/US]; 14 Theresa Drive, Flanders, NJ 07836 (US). (only for / seulement pour US)

(72, 75) **MÜLLER, Martin** [CH/CH]; Mittlere Strasse 142, CH-4056 Basel (CH). **LIU, Hui** [US/US]; 2 Blue Ridge Avenue, Green Brook, NJ 08812 (US). **BAJWA, Joginder, Singh** [US/US]; 180D Donor Avenue, Elmwood Park, NJ 07407 (US).

(74) **GRUBB, Philip**; Novartis 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).

(51)⁷ **A61K 31/4045, 31/517, A61P 25/06**

(11) **WO 2004/087134** (13) A1

(21) PCT/EP2004/003210

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) de (26) de

(30) DE 103 14 617.2 **1 Apr/avr 2003 DE (01.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **USE OF THE HYDROCHLORIDE OF THE ACTIVE INGREDIENT BASE 1-[N<SP>2</SP>-[3,5-DIBROMO-N-[[4-(3,4-DIHYDRO-2(1H)-OXOQUINAZOLIN-3-YL)-1-PIPERIDINYL]-CARBONYL]-D-TYROSYL]-L-LY-SYL]-4-(4-PYRIDINYL)-PIPERAZINE COMBINED WITH SUMATRIPTAN FOR THE TREATMENT OF MIGRAINES**

• **UTILISATION DE L'HYDROCHLORURE DE LA BASE DE PRINCIPE ACTIF 1-[N<SP>2</SP>-[3,5-DIBROMO-N-[[4 3,4-DIHYDRO-2(1H)-OXOQUINAZOLIN-3-YL)-1-PIPERIDINYL]-CARBONYL]-D-TYROSYL]-L-LY-SYL]-4-(4-PYRIDINYL)-PIPERAZINE EN COMBINAISON AVEC DU SUMATRIPTANE POUR TRAITER LES MIGRAINES**

(71) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; Binger Strasse 173, 55216 Ingelheim am Rhein (DE).

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

(71) **BOEHRINGER INGELHEIM PHARMA GMBH & CO. KG** [DE/DE]; Binger Strasse 173, 55216 Ingelheim am Rhein (DE). (only for / seulement pour DE)

(72, 75) **DOODS, Henri** [NL/DE]; Freiherr-von-Koenig-Str. 6, 88447 Warthausen (DE). **RUDOLF, Klaus** [DE/DE]; Oeschweg 11, 88447 Warthausen (DE). **EBERLEIN, Wolfgang** [DE/DE]; Obere Au 6, 88400 Biberach (DE).

(74) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH**; Binger Strasse 173, 55216 Ingelheim 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).

(51)⁷ **A61K 31/4045, 9/00, 9/08, 9/14**

(11) **WO 2004/087135** (13) A1

(21) PCT/EP2004/003368

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 0307440.8 **31 Mar/mar 2003 GB (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **ORAL SUSPENSION OF TEGASEROD**
• **SUSPENSION ORALE DE TEGASERODE**

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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

(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT). (only for / seulement pour AT)

(72, 75) **BIZOT, Marie-Noelle** [FR/FR]; 8 rue Emile Zola, F-78390 Bois d'Arcy (FR). **IWICKI, Mark, Thomas** [US/US]; 12 Bristol Terrace, Long Valley, NJ 07853 (US). **VITZLING, Christian** [FR/FR]; 39, rue de Pommard, F-75012 Paris (FR).

(74) **GRUBB, Philip**; Novartis 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).

(51)⁷ **A61K 31/41**

(11) **WO 2004/087136** (13) A1

(21) PCT/SE2004/000505

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 0300988-3 **3 Apr/avr 2003 SE (03.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **USE OF ATII ANTAGONIST FOR THE TREATMENT OR PREVENTION OF METABOLIC SYNDROME**

- UTILISATION DE L'ANTAGONISTE DE L'ATII POUR TRAITER OU PREVENIR DES SYNDROMES METABOLIQUES

(71) **ASTRAZENECA AB** [SE/SE]; Södertälje, 151 85 (SE).

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

(72, 75) **LJUNGGREN, Anders** [SE/SE]; AstraZeneca R & D Mölndal, Mölndal, 431 83 (SE). **SVENSSON, Anders** [SE/SE]; AstraZeneca R & D Mölndal, Mölndal, 431 83 (SE).

(74) **GLOBAL INTELLECTUAL PROPERTY**; AstraZeneca AB, 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).

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)⁷ **A61K 31/4184, C07D 401/10, 403/10, A61P 25/00**

(11) **WO 2004/087137** (13) A1

(21) PCT/EP2004/050415

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) PA 2003 00510 **3 Apr/avr 2003 (03.04.2003)** DK

(30) 60/459,970 **4 Apr/avr 2003 (04.04.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **BENZIMIDAZOLE DERIVATIVES AND THEIR USE FOR MODULATING THE GABA_A RECEPTOR COMPLEX**

- DERIVES DE BENZIMIDAZOLE ET LEUR UTILISATION DANS LA MODULATION DU COMPLEXE RECEPTEUR GABA<SB>A<SB>

(71) **NEUROSEARCH A/S** [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).
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(72, 75) **TEUBER, Lene** [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). **LARSEN, Janus, S.** [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(74) **NEUROSEARCH A/S**; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (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)

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)⁷ **A61K 31/426, A61P 27/00, 17/00, 11/00**

(11) **WO 2004/087138** (13) A1

(21) PCT/JP2004/004596

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 60/458,370 **31 Mar/mar 2003 (31.03.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **METHOD FOR TREATING VASCULAR HYPERPERMEABLE DISEASE**

- PROCEDE DE TRAITEMENT DE MALADIE VASCULAIRE HYPERPERMEABLE

(71) **SUCAMPO AG** [CH/CH]; Graben 5, Zug, CH-6300 (CH). **FUJISAWA PHARMACEUTICAL CO., LTD.** [JP/JP]; 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 5418514 (JP).

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(72, 75) **UENO, Ryuji** [JP/US]; 11025 Stanmore Drive, Potomac, Montgomery, MD 20854 (US). **NAGASHIMA, Akira** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 5418514 (JP). **INOUE, Takayuki** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 5418514 (JP). **OHKUBO, Mitsuru** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome,

Chuo-ku, Osaka-shi, Osaka 5418514 (JP). **YOSHIMURA, Kousei** [JP/JP]; c/o FUJISAWA PHARMACEUTICAL CO., LTD., 4-7, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 5418514 (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)⁷ **A61K 31/427, 31/4433, 31/7068, 31/7072, 31/7076, 31/708, 45/06, A61P 31/12, 31/18**

(11) **WO 2004/087139** (13) A1

(21) PCT/US2004/008764

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 03007001.5 **27 Mar/mar 2003 (27.03.2003)** EP

(30) 03016224.2 **17 Jul/juil 2003 (17.07.2003)** EP

(30) 03029507.5 **20 Dec/déc 2003 (20.12.2003)** EP

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **ANTIVIRAL COMBINATION OF TIPRANAVIR AND A FURTHER ANTIRETROVIRAL COMPOUND**

- COMBINAISON ANTIVIRALE DE TIPRANAVIR ET D'UN AUTRE COMPOSE ANTIRETROVIRAL

(71) **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** [DE/DE]; Binger Str. 17, 55216 Ingelheim (DE).

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

(72, 75) **KLAES, Heinz-Gerd** [DE/DE]; Ludwig-Jahn-Strasse 16, 55599 Gau-Bickelheim (DE). **MAYERS, Douglas, Lytl** [US/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **VALDEZ, Hernan** [PE/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **KOUNDOURAKIS, Elena** [GR/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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ A61K 31/427, 31/551, 31/7068, 31/7072, 31/7076, 31/708, 45/06, A61P 31/12, 31/18
- (11) WO 2004/087140 (13) A1
- (21) PCT/US2004/008903
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 03007071.8 27 Mar/mar 2003 EP (27.03.2003)
- (30) 03016207.7 17 Jul/juil 2003 EP (17.07.2003)
- (30) 03029524.0 20 Dec/déc 2003 EP (20.12.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ANTIVIRAL COMBINATION OF A DIPYRIDODIAZEPINONE AND A FURTHER ANTIRETROVIRAL COMPOUND
- COMBINAISON ANTIVIRALE D'UNE DIPYRIDODIAZEPINONE ET COMPOSE ANTIRETROVIRAL
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Str. 173, 55216 Ingelheim (DE).
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- (72, 75) KLAES, Heinz-Gerd [DE/DE]; Ludwig-Jahn-Strasse 16, 55599 Gau-Bickelheim (DE). MAYERS, Douglas, Lytl [US/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). VALDEZ, Hernan [PE/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). KOUNDOURAKIS, Elena [GR/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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ A61K 31/435, C07D 215/22, 405/12, 409/12, 417/12, 401/12, 417/14, A61P 11/00, 29/00
- (11) WO 2004/087142 (13) A1
- (21) PCT/EP2004/003516
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 0307856.5 4 Apr/avr 2003 GB (04.04.2003)
- (30) 0311462.6 19 May/mai 2003 GB (19.05.2003)

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

Published / Publiée : (c)

(51)⁷ A61K 31/435, 31/436, 47/02, 47/10, 47/14, 47/44

(11) WO 2004/087141 (13) A1

(21) PCT/EP2004/003513

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307866.4 4 Apr/avr 2003 GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHARMACEUTICAL COMPOSITION COMPRISING AN IMMUNOSUPPRESSANT FOR USE IN THE TREATMENT OF SKIN DISEASES

• COMPOSITION PHARMACEUTIQUE COMPRENANT UN IMMUNODEPRESSEUR A UTILISER DANS LE TRAITEMENT DE MALADIES DE LA PEAU

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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

(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

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(72, 75) HIRSCH, Stefan [DE/DE]; Theodor-Heuss-Strasse 21A, 79539 Lörrach (DE). MAYER, Friedrich, Karl [AT/CH]; Im Ziegelgarten 9, CH-4104 Oberwil (CH). PAUL, Carle [FR/FR]; 20, rue du Sundgau, F-68100 Mulhouse (FR). SEKKAT, Nabila [MA/CH]; Davidsbodenstrasse 34, CH-4056 Basel (CH). WEISS, Carl-Martin [DE/DE]; Ritterstrasse 57a, 79541 Lörrach-Haagen (DE).

(74) GRUBB, Philip; Novartis 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)⁷ A61K 31/435, C07D 215/22, 405/12, 409/12, 417/12, 401/12, 417/14, A61P 11/00, 29/00

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(21) PCT/EP2004/003516

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307856.5 4 Apr/avr 2003 GB (04.04.2003)

(30) 0311462.6 19 May/mai 2003 GB (19.05.2003)

(30) 0313489.7 11 Jun/juin 2003 GB (11.06.2003)

(30) 0316656.8 16 Jul/juil 2003 GB (16.07.2003)

(30) 0316657.6 16 Jul/juil 2003 GB (16.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • QUINOLINE-2-ONE-DERIVATIVES FOR THE TREATMENT OF AIRWAYS DISEASES

• DERIVES DE QUINOLINE-2-ONE PERMETTANT DE TRAITER DES MALADIES DES VOIES RESPIRATOIRES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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

(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

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(72, 75) FAIRHURST, Robin, Alec [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). SANDHAM, David, Andrew; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). BEATTIE, David; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). BRUCE, Ian; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). CUENOUD, Bernard [CH/CH]; 7, rue Voltaire, CH-1006 Lausanne (CH). MADDEN, Reamonn [GB/GB]; 88 North End Avenue, North End, Portsmouth, Hampshire PO2 9EB (GB). PRESS, Neil, John [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). TAYLOR, Roger, John [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). TURNER, Katharine, Louise; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB). WATSON, Simon, James [GB/GB]; Novartis Horsham Research Centre, Wimbleshurst Road, Horsham, West Sussex RH12 5AB (GB).

(74) GRUBB, Philip; Novartis 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).

Published / Publiée : (c)

(51)⁷ A61K 31/436, A61P 31/04

(11) WO 2004/087143 (13) A1

(21) PCT/EP2004/003510

(22) 2 Apr/avr 2004 (02.04.2004)

- (25) en (26) en
(30) 0307862.3 **4 Apr/avr 2003** GB
(04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • COMPOSITIONS COMPRISING MACROLIDE T-CELL IMMUNOMODULATORS OR IMMUNOSUPPRESSANTS IN COMBINATION WITH ANTIBACTERIALS
- COMPOSITIONS COMPRENANT DES IMMUNOMODULATEURS OU IMMUNOSUPPESSEURS MACROLIDES DE LYMPHOCYTE T EN COMBINAISON AVEC DES ANTIBACTERIENS
- (71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
(for all designated States except / pour tous les États désignés sauf AT US)
- (71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
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- (72, 75) GRASSBERGER, Maximilian [AT/AT]; Schaumburggasse 12/7, A-1040 Wien (AT). HIRSCH, Stefan [DE/DE]; Theodor-Heuss-Strasse 21A, 79539 Lörrach (DE). SEKKAT, Nabila [MA/CH]; Davidsbodenstrasse 34, CH-4056 Basel (CH). WEISS, Carl-Martin [DE/DE]; Ritterstrasse 57a, 79541 Lörrach-Haagen (DE).
- (74) GRUBB, Philip; Novartis 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)⁷ A61K 31/4375, 31/4709, 31/47, 31/496, 31/55, 31/536, 31/5415, C07D 471/04, 401/14, 405/14, 403/14
- (11) WO 2004/087145 (13) A2
- (21) PCT/US2004/009371
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/458.147 **27 Mar/mar 2003** US
(27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ANTIBACTERIAL AGENTS
• AGENTS ANTIBACTERIENS
- (71) GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB06 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HENNESSY, Alan, J. [IE/GB]; New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). MILLER, William, Henry [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US). SEEFELD, Mark, Andrew [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US).
- (74) HSU, Grace, C. et al. / etc.; Glaxo-SmithKline, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ A61K 31/436, 31/167, 31/08, A61P 17/00 // (A61K 31/436, 31:167) (A61K 31/436, 31:08)
- (11) WO 2004/087144 (13) A1
- (21) PCT/EP2004/003515
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 0307869.8 **4 Apr/avr 2003** GB
(04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • COMBINATION OF A MACROLIDE AND A LOCAL ANESTHETIC FOR THE TREATMENT OF DERMATOLOGICAL DISEASES
- COMBINAISON D'UN MACROLIDE ET D'UN ANESTHESIQUE LOCAL DANS LE TRAITEMENT DE MALADIES DERMATOLOGIQUES

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ A61K 31/443, 9/14, 9/72, 47/10, 47/26 // C07D 405/06
- (11) WO 2004/087146 (13) A1
- (21) PCT/JP2004/004588
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-094511 **31 Mar/mar 2003** JP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESSES FOR PRODUCTION OF FINE PARTICLE MIXTURES
• PROCÉDES DE PRODUCTION DE MÉLANGES DE FINES PARTICULES
- (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) SUGISHITA, JunHIRABE, MahoKATO, Yasuki
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

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

(51)⁷ **A61K 31/443, A61P 11/00, 11/06 // C07D 405/06**

(11) **WO 2004/087147** (13) A1

(21) PCT/JP2004/004597

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-094503 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REMEDY AND/OR PREVENTIVE FOR LUNG DISEASES

• REMEDE ET/OU AGENT PROPHY-LACTIQUE CONTRE DES MALADIES PULMONAIRES

(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) **MIE, MotoyaAKUTA, KaoriMAN-ABE, Haruhiko**

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

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

(51)⁷ **A61K 31/443, A61P 11/00 // C07D 405/06**

(11) **WO 2004/087148** (13) A1

(21) PCT/JP2004/004611

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-094504 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REMEDY AND/OR PREVENTIVE FOR LUNG DISEASES

• AGENT THERAPEUTIQUE ET/OU AGENT PROPHYLACTIQUE DESTINE AUX MALADIES PULMONAIRES

(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) **ABE, Yuzuru,;** 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, 1008185 **MIKI, Ichiro,;** 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, 1008185

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

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

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

(51)⁷ **A61K 31/443, 31/575, 31/58, A61P 11/00, 11/06 // C07D 405/06, C07J 5/00, 7/00, 17/00, 31/00, 71/00**

(11) **WO 2004/087149** (13) A1

(21) PCT/JP2004/004623

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-094508 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEDICINAL COMPOSITION

• COMPOSITION THERAPEUTIQUE

(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) **MIE, MotoyaMANABE, Haruhiko**

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

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

(51)⁷ **A61K 31/443, 31/47, 45/00, A61P 11/00, 11/06 // C07D 405/04, 405/06**

(11) **WO 2004/087150** (13) A1

(21) PCT/JP2004/004633

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-094510 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DRUG COMPOSITION

• COMPOSITION POUR MEDICAMENTS

(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) **MIE, MotoyaTAKASHIMA, Yuko-MANABE, Haruhiko**

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

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

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

(51)⁷ **A61K 31/443, 31/137, 31/47, 31/472, 45/00, A61P 11/00, 11/06 // C07D 405/06**

(11) **WO 2004/087151** (13) A1

(21) PCT/JP2004/004663

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-094509 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEDICINAL COMPOSITION

• COMPOSITION MEDICINALE

(71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).

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

(72, 75) **MIE, MotoyaTAKASHIMA, Yuko-MANABE, Haruhiko**

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

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

(51)⁷ **A61K 31/4439, 31/337, A61P 35/00**

(11) **WO 2004/087152** (13) A1

(21) PCT/IB2004/000867

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) en (26) en

(30) 60/460,695 **3 Apr/avr 2003 US (03.04.2003)**

(30) 60/491,771 **31 Jul/juil 2003 US (31.07.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DOSAGE FORMS COMPRISING AG013736

• FORMES POSOLOGIQUES RENFERMANT AG013736

(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) **FREDDO, James, Lawrence** [US/US]; Pfizer Global Research and Development, La Jolla Laboratories, 10777, Science Center Drive, San Diego, CA 92121 (US). **HU-LOWE, Dana** [CN/US]; Pfizer Global Research and Development, La Jolla Laboratories, 10777, Science Center Drive, San Diego, CA 92121 (US). **PITHAVALA, Yazdi, Kersi** [IN/US]; Pfizer Global Research and Development, La Jolla Laboratories, 10777, Science Center Drive, San Diego, CA 92121 (US). **STEINFELDT, Heidi, Marie** [US/US]; Pfizer Global Research and Development, La Jolla Laboratories, 10777, Science Center Drive, San Diego, CA 92121 (US).

(74) **LUMB, J., Trevor et al.** / etc.; c/o WOOD, David, J., Pfizer Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (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)⁷ A61K 31/4439

(11) WO 2004/087153 (13) A2

(21) PCT/US2004/010331

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,888 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USE OF SMALL MOLECULE COMPOUNDS FOR IMMUNOPOTENTIATION

• UTILISATION DE PETITES MOLECULES DE COMPOSES POUR UNE IMMUNOPOTENTIALISATION

(71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US).

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

(72, 75) **VALIANTE, Nicholas** [—/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).

(74) **COLLIER, Steven, W. et al.** / etc.; Chiron Corporation, Intellectual Property - R338, P.O. Box 8097, Emeryville, CA 94662-8097 (US).

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

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

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

(51)⁷ A61K 31/445, 31/70, 31/35, 35/78

(11) WO 2004/087154 (13) A1

(21) PCT/IN2003/000110

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USE OF *CUMINUM CYMINUM* EXTRACT AND PIPERINE FOR POTENTIATION OF BIOEFFICACY OF ANTI INFECTIVES

• UTILISATION D'EXTRAIT DE *CUMINUM CYMINUM* ET DE PIPERINE POUR POTENTIALISER LA BIOEFFICACITE D'ANTI-INFECTION

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) **QAZI, Ghulam, Nabi**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **SURI, Om, Parkash**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **BEDI, Kasturi, Lal**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **KHAN, Inshad, Ali**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **VERMA, Vijeshwar**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **JOHRI, Rakesh, Kamal**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **SURI, Krishan, Avtar**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **DATT, Bishan**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **SATTI, Naresh, Kumar**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **TIKOO, Manoj, Kumar**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **SHARMA, Subhash, Chander**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). **TIKOO, Ashok, Kumar**; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN).

(74) **SUBRAMANIAM, Hariharan et al.** / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048 (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 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).

(51)⁷ A61K 31/451, 31/4418, C07D 211/22, 211/70, 407/12, A61P 25/00

(11) WO 2004/087155 (13) A1

(21) PCT/DK2004/000241

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) PA200300519 4 Apr/avr 2003 DK (04.04.2003)

(30) 60/460,265 4 Apr/avr 2003 US (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • 4-(2-PHENYLOXYPHENYL)-PIPERIDINE OR -1,2,3,6-TETRAHYDROPIRIDINE DERIVATIVES AS SEROTONIN REUPTAKE INHIBITORS

• DERIVES DE 4-(2-PHENYLOXYPHENYL)-PIPERIDINE OU -1,2,3,6-TETRAHYDROPIRIDINE UTILISES COMME INHIBITEURS DE LA RECAPTURE DE LA SEROTONINE

(71) **H. LUNDBECK A/S** [DK/DK]; Ottilievej 9, Valby-Copenhagen, 2500 (DK).

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

(72, 75) **BANG-ANDERSEN, Benny** [DK/DK]; Lillegrund 33, Copenhagen S, 2300 (DK). **KROLL, Friedrich** [DE/DK]; Kirstinedalsvej 4, 3th, Valby, 2500 (DK). **KEHLER, Jan** [DK/DK]; Nymøllevej 28, Kgs. Lyngby, 2800 (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).

(51)⁷ A61K 31/451, C07D 211/24, 407/12, A61P 25/00

(11) WO 2004/087156 (13) A1

(21) PCT/DK2004/000244

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) PA200300520 4 Apr/avr 2003 DK (04.04.2003)

(30) 60/460,528 4 Apr/avr 2003 US (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • 4-(2-PHENYLSULFANYL-PHENYL)-PIPERIDINE DERIVATIVES AS SEROTONIN REUPTAKE INHIBITORS

- DERIVES 4-(2-PHENYLSULFANYL-PHENYL)-PIPERIDINES UTILISES EN TANT QU'INHIBITEURS DE REABSORPTION DE LA SEROTONINE
- (71) **H. LUNDBECK A/S** [DK/DK]; Ottiliavej 9, DK-2500 Valby-Copenhagen (DK). **BANG-ANDERSEN, Benny** [DK/DK]; Lillegrund 33, DK-2300 København S (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PÜSCHL, Ask** [DK/DK]; Aksel Møllers Have 2, 4 th, DK-2000 Frederiksberg (DK). **JØRGENSEN, Morten** [DK/DK]; Godtgemt 24, 1, -3, DK-2880 Bagsværd (DK). **RUHLAND, Thomas** [DE/DK]; Møllehusene 15, DK-4000 Roskilde (DK). **BRYAN, STENSBOJ, Tine** [DK/DK]; Evavej 21, DK-3500 Værløse (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).
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- (51)⁷ **A61K 31/454, 31/4375, 31/438, 31/55, 38/05, 31/437, 31/4985, 31/4164, 31/4709, 31/277, 31/00**
- (11) **WO 2004/087157** (13) A2
- (21) PCT/GB2004/001435
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 0307863.1 **4 Apr/avr 2003 (04.04.2003)** GB
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • COMBINATION THERAPY FOR ALZHEIMER'S DISEASE
• THÉRAPIE COMBINÉE DESTINÉE À LA MALADIE D'ALZHEIMER
- (71) **MERCK SHARP & DOHME LIMITED** [GB/GB]; Hertford Road, Hoddesdon Hertfordshire EN11 9BU (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CASTRO PINEIRO, Jose, Luis** [ES/GB]; Terlings Park, Eastwick Road, Harlow Essex CM20 2QR (GB).
- (74) **BUCHAN, Gavin, MacNicol**; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (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)⁷ **A61K 31/454, 31/538, A61P 29/00**
- (11) **WO 2004/087158** (13) A2
- (21) PCT/US2004/009339
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/459,045 **28 Mar/mar 2003 (28.03.2003)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MUSCARINIC M1 RECEPTOR AGONISTS FOR PAIN MANAGEMENT
• TRAITEMENT DE LA DOULEUR AU MOYEN D'AGONISTES DU RECEPTEUR MUSCARINIQUE M1
- (71) **ACADIA PHARMACEUTICALS INC.** [US/US]; 3911 Sorrento Valley Boulevard, San Diego, CA 92121-1402 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAVIS, Robert, R.** [US/US]; 13272 Glenclyff Way, San Diego, CA 92130 (US). **VANOVER, Kimberly** [US/US]; 13066 Candela Place, San Diego, CA 92130 (US). **RODRIGUEZ, Mario** [US/US]; 4235 Kaula Place, Lihue, HI 96766 (US).
- (74) **HART, Daniel**; 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/46, 31/439, C07D 451/02, 451/14, A61P 15/00, 3/04**
- (11) **WO 2004/087159** (13) A1
- (21) PCT/US2004/008711
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 60/457,679 **26 Mar/mar 2003 (26.03.2003)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • BICYCLIC PIPERIDINE DERIVATIVES AS MELANOCORTIN-4 RECEPTOR AGONISTS
• DERIVES DE PIPERIDINE BICYCLIQUES UTILISES COMME AGONISTES DU RECEPTEUR 4 DE LA MELANOCORTINE
- (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) **NARGUND, Ravi, P.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **YE, Zhixiong** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **GUO, Liangqin** [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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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)⁷ **A61K 31/47, 31/473, A61P 25/28, 39/04, 39/06**
- (11) **WO 2004/087160** (13) A1
- (21) PCT/AU2004/000427
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 60/460,155 **3 Apr/avr 2003 (03.04.2003)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • TREATMENT OF NEUROLOGICAL CONDITIONS
• TRAITEMENT D'AFFECTIONS NEUROLOGIQUES
- (71) **PRANA BIOTECHNOLOGY LTD** [AU/AU]; Level 1, 100 Dorcas Street, South Melbourne, VIC 3205 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MASTERS, Colin, Louis** [AU/AU]; 171 Gold Street, Clifton Hill, VIC 2068 (AU). **CHERNY, Robert, A** [AU/AU]; c/- Prana Biotechnology Ltd, Level 1, 100 Dorcas Street, South Melbourne, VIC 3205 (AU).
- (74) **HUGHES, E, John, L et al. / etc.**; 1 Nicholson 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 31/498, 31/55, 45/06, A61P 25/08

(11) WO 2004/087161 (13) A1

(21) PCT/EP2004/003518

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307860.7 4 Apr/avr 2003 GB
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMBINATIONS COMPRISING
ANTI-EPILEPTIC DRUGS FOR THE
TREATMENT OF NEUROLOGICAL
DISORDERS• COMBINAISONS DE MEDICAMENTS
ANTI-EPILEPTIQUES PERMETTANT
DE TRAITER DES TROUBLES NEU-
ROLOGIQUES(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
CH-4056 Basel (CH).
(for all designated States except / pour tous
les États désignés sauf AT US)(71) NOVARTIS PHARMA GMBH [AT/AT];
Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)(72, 75) AITKEN, David [CA/US]; 42 Elm
Street, Millburn, NJ 07041 (US). LINGEN-
HÖHL, Kurt [DE/DE]; Faulacker 39, 79576
Weil (DE). SCHMUTZ, Markus [CH/CH];
Baumgartenweg 24, CH-4124 Schoenenbuch
(CH).(74) GRUBB, Philip; Novartis AG, Corporate In-
tellectual 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).

Published / Publiée : (c)

(51)⁷ A61K 31/4985, A61P 43/00, G01N 33/50

(11) WO 2004/087162 (13) A1

(21) PCT/EP2004/003129

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03007683.0 3 Apr/avr 2003 EP
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USES OF TRYPROSTATIN FOR THE
REVERSAL OF CANCER DRUG RE-
SISTANCE• UTILISATIONS DE TRYPROSTATINE
POUR LA REVERSION DE LA RESIS-
TANCE A UN MEDICAMENT ANTI-
CANCEREUX(71) HUMBOLDT-UNIVERSITÄT ZU
BERLIN [DE/DE]; Unter den Linden6, 10099 Berlin (DE). UNIVERSITÄT-
SKLINIKUM CHARITÉ DER HUM-
BOLDT-UNIVERSITÄT ZU BERLIN
[DE/DE]; Technologietransferstelle, 10098
Berlin (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HERRMANN, Andreas [DE/DE]; Wil-
helm Wolff Strasse 25a, 13156 Berlin (DE).
LAGE, Hermann [DE/DE]; Torfstrasse 19,
13353 Berlin (DE). WOEHLCKE, Holger
[DE/DE]; Singerstrasse 1, 10179 Berlin (DE).(74) ENGELHARD, Markus et al. / etc.;
Boehmert & Boehmert, Hollerallee 32,
28209 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)⁶ A61K 31/505 // C07D 239/55, 405/04

(11) WO 2004/087163 (13) A2

(21) PCT/JP1998/005424

(22) 2 Dec/déc 1998 (02.12.1998)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHARMACOKINETICS MODIFYING
CHEMOTHERAPY• CHIMIOThERAPIE DE MODIFICA-
TION DE PHARMACOCINETIQUE

(71, 72) KUSUNOKI, Masato [JP/JP]; * (JP).

(74) TAMURA, Iwao; Tamura Patent Office, 4-5-
103, Terauchi 1-chome, Toyonaka-shi, Os-
aka-fu 560-0872 (JP).

(81) US.

Published / Publiée : (e): 16Oct/oct 2001
(16.10.2001), 6303583, (i)(51)⁷ A61K 31/519

(11) WO 2004/087164 (13) A1

(21) PCT/EP2004/003467

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 15 654.2 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • 8-NITRO-TRYPTANTHRIN AND
OTHER TRYPTANTHRIN DERIVA-
TIVES USED FOR THE TREATMENT
OF DISEASES CAUSED BY HIGHLY
PROLIFERATING CELLS• 8-NITRO-TRYPTANTHRINE ET
AUTRES DERIVES DE TRYPTAN-
THRINE SERVANT A TRAITER DES
MALADIES PROVOQUEES PAR DESCELLULES PRESENTANT UN TAUX
DE PROLIFERATION ELEVE(71) UNIVERSITÄTSKLINIKUM CHARITÉ
DER HUMBOLDT-UNIVERSITÄT ZU
BERLIN [DE/DE]; Technologietransfer-
stelle, 10098 Berlin (DE). TECHNISCHE
UNIVERSITÄT MÜNCHEN [DE/DE];
Arcisstr. 21, 80333 München (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PROKOP, Aram [DE/DE];
Fetschowzeile 19, 13437 Berlin (DE).
RIEPL, Herbert [DE/DE]; c/o TU
München, Institut für Chemie nachwach-
sender Rohstoffe, Lichtenbergstr. 4, 85747
Garching (DE). WIEDER, Thomas;
Nelkenstrasse 9, 72144 Dusslingen (DE).(74) MEYERS, Hans-Wilhelm et al. / etc.; Post-
fach 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 DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ A61K 31/5377, A61P 13/08, 35/00 // C07D
413/06, 495/10

(11) WO 2004/087165 (13) A1

(21) PCT/JP2004/004349

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-090431 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THERAPEUTIC AGENT FOR PRO-
STATIC HYPERTROPHY• AGENT THERAPEUTIQUE DE
L'HYPERTROPHIE DE LA PROSTATE(71) SANKYO COMPANY LIMITED [JP/JP];
5-1, Nihonbashi Honcho 3-chome, Chuo-ku,
Tokyo, 1038426 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NISHI, Takahide [JP/JP]; c/o SANKYO
COMPANY, LIMITED, 2-58, Hiromachi
1-chome, Shinagawa-ku, Tokyo, 1408710
(JP). SANBUISHO, Atsushi [JP/JP]; c/o
SANKYO COMPANY, LIMITED, 717,
Horikoshi, Fukuroi-shi, Shizuoka, 4370065
(JP).(74) OHNO, Akio et al. / etc.; c/o SANKYO
COMPANY, LIMITED, 2-58, Hiromachi
1-chome, Shinagawa-ku, Tokyo, 1408710
(JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL

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

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

(51)⁷ A61K 31/55, A61P 25/14

(11) WO 2004/087166 (13) A1

(21) PCT/EP2004/003418

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,338 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • USE OF CARBAMAZEPINE DERIVA-
TIVES FOR THE TREATMENT OF AG-
ITATION IN DEMENTIA PATIENTS

- UTILISATION DE DERIVES DE CAR-
BAMAZEPINE DANS LE TRAITE-
MENT DE L'AGITATION CHEZ DES
PATIENTS ATTEINTS DE DEMENCE

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
CH-4056 Basel (CH).

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

(71) NOVARTIS PHARMA GMBH [AT/AT];
Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) SHUA-HAIM, Joshua [US/US]; 5
Musket Lane, Eatontown, NJ 07724 (US).
MARTENYI, Ferenc [HU/CH]; Fleis-
chbachstrasse 69, CH-4153 Reinach (CH).

(74) GRUBB, Philip; Novartis AG, Corporate In-
tellectual 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).

Published / Publiée : (c)

(51)⁷ A61K 31/55, 31/197, A61P 17/04, 17/00,
A61K 31/195, 31/198

(11) WO 2004/087167 (13) A2

(21) PCT/EP2004/003440

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03007759.8 4 Apr/avr 2003 EP
(04.04.2003)

(30) 03007779.6 4 Apr/avr 2003 EP
(04.04.2003)

(30) 03007778.8 4 Apr/avr 2003 EP
(04.04.2003)

(30) 03008989.0 17 Apr/avr 2003 EP
(17.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PHARMACEUTICAL COMPOSITIONS
COMPRISING EPINASTINE FOR THE
TREATMENT OF SKIN DISEASES

- COMPOSITIONS PHARMACEU-
TIQUES COMPRENANT DE
L'EPINASTINE POUR TRAITER DES
MALADIES CUTANÉES

(71) BOEHRINGER INGELHEIM INTER-
NATIONAL GMBH [DE/DE]; Binger
Strasse 173, 55216 INGELHEIM/RHEIN
(DE).

(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)

(71) BOEHRINGER INGELHEIM PHARMA
GMBH & CO. KG [DE/DE]; Binger Strasse
173, 55216 INGELHEIM (DE).

(only for / seulement pour DE)

(72, 75) OKADA, Minoru [JP/JP]; 4-7-20
Kioroshihigashi, INZAI, Chiba 270-1323
(JP). TAKAHASHI, Akira [JP/JP];
4-1 Hachimandai, Tone-machi, KITA-
SOUA-GUN, Ibaraki 300-1623 (JP).
UMEHARA, Norimitsu [JP/JP]; 1000-4
Kamiasumatu, TOKOROZAWA-SHI,
Saitama 359-0025 (JP). MATSUMOTO,
Kazuki [JP/JP]; 12-1-101 Ishikawa,
SAKURA, Chiba 285-0813 (JP). HAYASHI,
Tetsuo [JP/JP]; 4-11-15 Hiyoshidai,
TOMISATO-SHI, Chiba 286-0201 (JP).
ONUKI, Yoichi [JP/JP]; 2-31-7 Nakadai,
Narita-shi, NARITA-SHI, Chiba 286-0015
(JP).

(74) BOEHRINGER INGELHEIM INTER-
NATIONAL 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).

(51)⁷ A61K 31/55, A61P 25/18

(11) WO 2004/087168 (13) A1

(21) PCT/EP2004/003590

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,864 2 Apr/avr 2003 US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • USE OF 10-HYDROXY-10,11-DIHY-
DROCARBAMAZEPINE DERIVA-
TIVES FOR THE TREATMENT OF
AFFECTIVE DISORDERS

- UTILISATION DE DERIVES DE 10-HY-
DROXY-10,11-DIHYDROCARBAMA-
ZEPINE POUR LE TRAITEMENT DE
TROUBLES AFFECTIFS

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
CH-4056 Basel (CH).

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

(71) NOVARTIS PHARMA GMBH [AT/AT];
Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) MARTENYI, Ferenc [HU/CH]; Fleis-
chbachstrasse 69, CH-4153 Reinach (CH).
SCHMUTZ, Markus [CH/CH]; Baum-
gartenweg 24, CH-4124 Schoenenbuch (CH).
ZECHNER, Stefanie [CH/CH]; Sommer-
gasse 16, CH-4056 Basel (CH).

(74) GRUBB, Philip; Novartis AG, Corporate In-
tellectual 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)⁷ A61K 31/551, 31/7068, 31/7072, 31/7076,
31/708, 45/06, A61P 31/12, 31/18

(11) WO 2004/087169 (13) A1

(21) PCT/US2004/008736

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03006996.7 27 Mar/mar 2003 EP
(27.03.2003)

(30) 03016226.7 17 Jul/juil 2003 EP
(17.07.2003)

(30) 03029526.5 20 Dec/déc 2003 EP
(20.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • ANTIVIRAL COMBINATION OF
NEVIRAPINE AND A FURTHER AN-
TIRETROVIRAL COMPOUND

- COMBINAISON ANTIVIRALE DE NE-
VIRAPINE ET D'UN AUTRE COMPOSE
ANTIRETROVIRAL

(71) BOEHRINGER INGELHEIM INTER-
NATIONAL GMBH [DE/DE]; Binger Str.
173, 55216 Ingelheim (DE).

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

(72, 75) KLAES, Heinz-Gerd [DE/DE]; Lud-
wig-Jahn-Strasse 16, 55599 Gau-Bickelheim
(DE). MAYERS, Douglas, Lytl [US/US];
Boehringer Ingelheim Pharmaceuticals,
Inc., 900 Ridgebury Road, P.O. Box 368,

Ridgefield, CT 06877-0368 (US). **VALDEZ, Hernan** [PE/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). **KOUNDOURAKIS, Elena** [GR/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, CN 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 MK MN MW MX MZ NA NI NO NZ 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)⁷ **A61K 31/593, 31/453, A61P 17/00, 1/00 //**
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(21) PCT/EP2004/003512

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 0307865.6 **4 Apr/avr 2003 GB**
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMBINATION OF A MACROLIDE T-CELL IMMUNOMODULATOR AND A CALCIFEROL FOR THE TREATMENT OF SKIN DISEASES OR OF INFLAMMATORY BOWEL DISEASE

• COMBINAISON D'UN IMMUNOMODULATEUR DE LYMPHOCYTE T MACROLIDE ET D'UN CALCIFEROL DESTINEE AU TRAITEMENT DE MALADIES DE LA PEAU OU D'UNE MALADIE INTESTINALE INFLAMMATOIRE

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4002 Basel (CH).

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

(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
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(72, 75) **GRASSBERGER, Maximilian** [AT/AT]; Schaumburggasse 12/7, A-1040 Wien (AT). **HIRSCH, Stefan** [DE/DE]; Theodor-Heuss-Strasse 21A, 79539 Lörach (DE). **MAYER, Friedrich, Karl** [AT/CH]; Im Ziegelgarten 9, CH-4104 Oberwil (CH). **MEINGASSNER, Josef, Gottfried** [AT/AT]; Max Margules Weg 10, A-2380 Perchtoldsdorf (AT). **PAUL, Carle** [FR/FR]; 20, rue du Sundgau, F-68100 Mulhouse (FR). **SEKKAT, Nabila** [MA/CH]; Davidsbodenstrasse 34, CH-4056 Basel (CH).

(74) **GRUBB, Philip**; Novartis 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 VN YU ZA ZM ZW.

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

(51)⁷ **A61K 31/66**

(11) **WO 2004/087171** (13) A1

(21) PCT/US2004/008813

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 60/457,974 **27 Mar/mar 2003 US**
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS FOR TREATING ARTHRITIC CONDITIONS

• METHODES DE TRAITEMENT D'ETATS ARTHRITQUES

(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) **DUONG, Le, T.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **HAYAMI, Tadashi** [JP/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **DAIFOTIS, Anastasia, G.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **RODAN, Gideon, A.** [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 VN YU ZA ZM ZW.

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

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(51)⁷ **A61K 31/68, A61P 9/04, 9/06, 9/10, 13/12, 7/10, 25/103**

(11) **WO 2004/087172** (13) A1

(21) PCT/JP2004/004432

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

(25) ja (26) ja

(30) 2003-090916 **28 Mar/mar 2003 JP**
(28.03.2003)

(30) 2003-393893 **25 Nov/nov 2003 JP**
(25.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • T-TYPE CALCIUM CHANNEL BLOCKERS

• AGENTS BLOQUANT LES CANAUX CALCIIQUES DE TYPE T

(71) **NISSAN CHEMICAL INDUSTRIES LTD.** [JP/JP]; 7-1, Kandanshiki-cho 3-chome, Chiyoda-ku, Tokyo, 1010054 (JP).

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

(72, 75) **MASUDA, Yukinori** [JP/JP]; c/o Nissan Chemical Industries, Ltd., 7-1, Kandanshiki-cho 3-chome, Chiyoda-ku, Tokyo, 1010054 (JP). **FURUKAWA, Taiji** [JP/JP]; 11-7-628, Nishibori 4-chome, Saitama-shi, Saitama, 3380832 (JP).

(74) **HANABUSA, Tsuneo et al.** / etc.; c/o Hanabusa Patent Office Shin-Ochanomizu UrbanTrinity 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ **A61K 31/7032, A61P 29/00, 3/06**

(11) **WO 2004/087173** (13) A2

(21) PCT/CA2004/000375

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) en (26) en

(30) 10/404,095 **2 Apr/avr 2003 US**
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FORMULATIONS FOR MEDIATING INFLAMMATION AND FOR REDUCING BLOOD CHOLESTEROL

• COMPOSITIONS DESTINEES A REDUIRE LES INFLAMMATIONS ET A ABAISSER LE CHOLESTEROL SANGUIN

(71) **MTI META TECH INC.** [CA/CA]; 11249 University Avenue, Edmonton, Alberta T6G 1Y7 (CA).

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

(72, 75) **CLANDININ, Michael, Thomas** [CA/CA]; R.R.#4, Calmar, Alberta T0C 0V0 (CA). **PARK, Eek, J.** [KR/CA]; #846, 11121-82 Avenue, Edmonton, Alberta T6G 0T4 (CA).

(74) **SILVER, Gail, C. 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)⁷ A61K 31/7036, 47/26, 47/02

(11) WO 2004/087174 (13) A1

(21) PCT/EP2004/003423

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0307553.8 1 Apr/avr 2003 GB
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PARENTERAL FORMULATION OF
MYCOPHENOLIC ACID, A SALT OR
PRODRUG THEREOF

• FORMULATION PARENTERALE

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
CH-4056 Basel (CH).

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

(71) NOVARTIS PHARMA GMBH [AT/AT];
Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) AHLHEIM, Markus [DE/DE];
Gewerbestr. 9, 79219 Staufen (DE).

(74) GRUBB, Philip; Novartis AG, Corporate In-
tellectual 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)⁷ A61K 31/7036, 9/20, 9/50

(11) WO 2004/087175 (13) A1

(21) PCT/IB2004/001117

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/460,851 4 Apr/avr 2003 US
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ORAL EXTENDED RELEASE COM-
PRESSED TABLETS OF MULTIPAR-
TICULATES

• TABLETTES COMPRIMÉES ORALES
DE FORMULATIONS MULTIPARTICU-
LAIRES A LIBERATION PROLONGÉE

(71) PHARMACIA CORPORATION
[US/US]; 700 Chesterfield Parkway West,
Chesterfield, MI 63017-1732 (US).

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

(72, 75) NOACK, Robert, M. [US/US]; 312
Henrietta Street, Kalamazoo, MI 49001 (US).
HEIMLICH, John, M. [US/US]; 312 Hen-
rietta Street, Kalamazoo, MI 49001 (US).
LEE, Ernest, J. [US/US]; 312 Henrietta
Street, Kalamazoo, MI 49001 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc.,
P.O. Box 1027, St. Louis, MI 63006 (US).

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

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

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(51)⁷ A61K 35/22

(11) WO 2004/087176 (13) A1

(21) PCT/IN2003/000125

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A COMPOSITION (RUCD) FOR PRO-
TECTING AND/OR REPAIRING DNA
FROM OXIDATIVE DAMAGES AND A
METHOD THEREOF

• COMPOSITION (A BASE DE DIS-
TILLAT D'URINE DE VACHE RE-
DISTILLE) DESTINÉE A PROTÉGER
ET/OU RÉPARER L'ADN ATTEINT
PAR DES DOMMAGES OXYDATIFS
ET PROCÉDE ASSOCIÉ

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg 110 001, New Delhi (IN).

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les États désignés sauf US)

(72, 75) TAPAN, Chakrabarti [IN/IN]; National
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Devi [IN/IN]; National Environmental En-
gineering Research Institute [NEERI], Nehru
Marg, Nagpur 440 020, Maharashtra (IN).
KANNAN, Krishnamurthi [IN/IN]; Na-
tional Environmental Engineering Research
Institute [NEERI], Nehru Marg, Nagpur
440 020, Maharashtra (IN). DIPANWITA,
Dutta [IN/IN]; National Environmental En-
gineering Research Institute [NEERI], Nehru
Marg, Nagpur 440 020, Maharashtra (IN).

NARAIN, Singh, Rishi [IN/IN]; National
Environmental Engineering Research In-
stitute [NEERI], Nehru Marg, Nagpur 440 020,
Maharashtra (IN). BALKRISHNA, Mans-
inghka, Sunil [IN/IN]; Govigyan Anusand-
han Kendra, Nagpur 440 020, Maharashtra
(IN). HARIBHAU, Dawle, Suresh [IN/IN];
Govigyan Anusandhan Kendra, Nagpur 440
020, Maharashtra (IN).

(74) BHOLA, Ravi; KUMARAN & SAGAR,
84-C, C6 Lane, Off Central Avenue, Sainik
Farma, NEW DELHI 110 062 (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 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 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 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)⁷ A61K 35/52, A61D 19/00, C12N 5/06

(11) WO 2004/087177 (13) A1

(21) PCT/US2004/009903

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,731 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR THE STAINING OF
SPERM

• PROCÉDÉ DE COLORATION DU
SPERME

(71) MONSANTO TECHNOLOGY LLC
[US/US]; 800 North Lindbergh Boulevard,
St. Louis, MO 63102 (US).

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les États désignés sauf US)

(72, 75) ANZAR, Muhammad [CA/US]; 14506
Tienda Drive, Chesterfield, MO 63017 (US).
LUDWIG, Cindy, L. [US/US]; 1412 Dautel
Lane, St. Louis, MO 63146 (US). GRA-
HAM, Jeffrey, A. [US/US]; 49 Picardy
Hill Drive, Chesterfield, MO 63017 (US).
GLAENZER, Jeannet, A. [US/US]; 7112
Westmoreland, University City, MO 63130
(US).

(74) MCBRIDE, Timothy, B.; 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)⁷ A61K 35/74, C12N 1/20, A61P 29/00

(11) WO 2004/087178 (13) A1

(21) PCT/IE2004/000050

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003/0236 31 Mar/mar 2003 IE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A FORMULATION COMPRISING A BACTERIAL STRAIN
• FORMULATION COMPRENANT UNE SOUCHE BACTERIENNE

(71) ALIMENTARY HEALTH LIMITED [IE/IE]; Simla Villa, Passage West, County Cork (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) O'MAHONY, Liam [IE/IE]; 5 The Lagan, Riversdale, Rathcormac, County Cork (IE). SHANAHAN, Fergus [IE/IE]; Seafort, Fort Cliff, Kinsale, County Cork (IE). KIELLY, Barry [IE/IE]; Simla Villa, Passage West, County Cork (IE). COLLINS, John, Kevin [IE/IE]; Spur Hill, Doughcloyne, County Cork (IE). O'SULLIVAN, Gerald, Christopher [IE/IE]; Ballinveltig, Curraheen Road, Bishopstown, Cork (IE).

(74) O'BRIEN, John, A. et al. / etc.; John A O'Brien & Associates, 3rd floor, Duncain House, 14 Carysfort Avenue, Blackrock, County Dublin (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).

(51)⁷ A61K 35/78

(11) WO 2004/087179 (13) A1

(21) PCT/EP2004/003055

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) MI2003A000661 4 Apr/avr 2003 IT (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PROCESS FOR THE PREPARATION OF FERUTININE FROM *FERULA* GENUS PLANTS

• PROCEDE DE PREPARATION DE FERUTININE A PARTIR DE PLANTES DU GENRE <I>FERULA</I>

(71) INDENA S.P.A. [IT/IT]; Via Ortles, 12, I-20139 Milano (IT).

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

(72, 75) BOMBARDELLI, Ezio [IT/IT]; Via Val di Sole, 22, I-20141 Milano (IT). FONTANA, Gabriele [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT). CRISTONI, Aldo [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT). MERCALLI, Enrico [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT).

(74) MINOJA, Fabrizio et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61K 35/78

(11) WO 2004/087180 (13) A1

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(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 15 026.9 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOSITIONS COMPRISING OMEGA-3 FATTY ACID-CONTAINING OILS AND PLANT EXTRACTS

• COMPOSITIONS QUI COMPRENNENT DES HUILES CONTENANT DES ACIDES GRAS OMEGA-3 ET DES EXTRAITS VEGETAUX

(71) BIOPLANTA ARZNEIMITTEL GMBH [DE/DE]; Bahnhofstr.5, 76275 Ettlingen (DE).

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

(72, 75) BIBER, Anton [DE/DE]; Im Fernring 35, 76275 Ettlingen (DE). STUMPF, Karl-Heinz [DE/DE]; Fuchsbau 27, 76228 Karlsruhe (DE).

(74) ADAM, Holger; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 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).

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(51)⁷ A61K 35/78, A61P 37/00

(11) WO 2004/087181 (13) A2

(21) PCT/EP2004/003401

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 15 025.0 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ACTIVE INGREDIENT COMBINATIONS OF PLANT OILS CONTAINING SG(V)3-FATTY ACIDS AND PLANT EXTRACTS CONTAINING POLYPHENOLS AND THE USE THEREOF

• COMBINAISONS DE PRINCIPES ACTIFS D'HUILES CONTENANT DES ACIDES GRAS SG(V)3 AVEC DES EXTRAITS VEGETAUX CONTENANT DES POLYPHENOLS ET UTILISATION DESDITES COMBINAISONS

(71) BIOPLANTA ARZNEIMITTEL GMBH [DE/DE]; Bahnhofstrasse 5, 76275 Ettlingen (DE).

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(71) STUMPF, Karl-Heinz [DE/DE]; Fuchsbau 27, 76228 Karlsruhe (DE).

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(72, 75) KOCH, Egon [DE/DE]; Am Giessbach 11a, 76229 Karlsruhe (DE).

(74) ADAM, Holger; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 Munich (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)⁷ A61K 35/78, 35/60, A61P 9/10, 35/00, 5/00

(11) WO 2004/087182 (13) A1

(21) PCT/EP2004/003402

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 15 024.2 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ACTIVE INGREDIENT COMBINATIONS OF PLANT OILS CONTAINING SG(V)3-FATTY ACIDS AND PLANT EXTRACTS CONTAINING ISOPRENOIDS AND THE USE THEREOF

• COMBINAISONS DE PRINCIPES ACTIFS D'HUILES VÉGÉTALES CONTENANT DES ACIDES GRAS SG(V)3 ET D'EXTRAITS VÉGÉTAUX CONTENANT DES ISOPRÉNOÏDES ET UTILISATION DESDITES COMBINAISONS

(71) **BIOPLANTA ARZNEIMITTEL GMBH** [DE/DE]; Bahnhofstrasse 5, 76275 Ettlingen (DE).

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(72, 75) **KOCH, Egon** [DE/DE]; Am Giessbach 11a, 76229 Karlsruhe (DE). **STUMPF, Karl-Heinz** [DE/DE]; Fuchsbau 27, 76228 Karlsruhe (DE).

(74) **ADAM, Holger**; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 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)⁷ **A61K 35/78, A61P 11/00**

(11) **WO 2004/087183** (13) A1

(21) PCT/EP2004/003420

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) de (26) de

(30) 103 15 931.2 **2 Apr/avr 2003** DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE PRODUCTION OF AN EXTRACT OF IVY LEAVES

• PROCÉDE POUR PRODUIRE UN EXTRAIT À PARTIR DE FEUILLES DE LIÈRE

(71) **ENGELHARD ARZNEIMITTEL GMBH & CO. KG** [DE/DE]; Herzbergstrasse 3, 61138 Niederdorfelden (DE).

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(72, 75) **RUNKEL, Frank** [DE/DE]; Am Lohberg 10, 35418 Buseck (DE). **ENGELHARD, Karl-Michael** [DE/DE]; Alt Burgholzhausen 25, 61381 Friedrichsdorf (DE). **ENGELHARD, Georg, Maximilian** [DE/DE]; Margarethenstrasse 21, 61476 Kronberg (DE).

(74) **WELLER, Wolfgang** et al. / etc.; Witte, Weller & Partner, Postfach 10 54 62, 70047 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)⁷ **A61K 35/78, 31/7034, A61P 1/16**

(11) **WO 2004/087184** (13) A1

(21) PCT/IB2003/001180

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ISOLATION OF THE HEPATOPROTECTIVE AGENT ACTEOSIDE FROM COLERBROKEA OPPOSITIFOLIA

• ISOLEMENT DE L'AGENT HEPATOPROTECTEUR ACTEOSIDE DE LA PLANTE <I>COLERBROKEA OPPOSITIFOLIA</I>

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).

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(72, 75) **QAZI, Ghulam, Nabi** [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). **SURI, Om, Parkash** [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). **BEDI, Kasturi, Lal** [IN/IN]; Regional Research Laboratory, Canal Road, 180 001 Jammu (IN). **SURI, Krishan, Avtar** [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). **GUPTA, Bishan, Datta** [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). **JAGGI, Bupinder, Singh** [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). **KAPAH, Bal, Krishan** [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). **SATTI, Naresh, Kumar** [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). **AMINA, Musarat** [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). **CHANDAN, Bal, Krishan** [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). **SHARMA, Neelam** [IN/IN]; Regional Research Laboratory Jammu, Canal Road, 180 001 Jammu (IN). **SINGH, Gurdarshan** [IN/IN]; Regional Research Laboratory, Canal Road, 180 001 Jammu (IN).

(74) **BHOLA, Ravi**; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS, 110 062 NEW DELHI (IN).

(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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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)⁷ **A61K 35/78, A61P 31/04**

(11) **WO 2004/087185** (13) A1

(21) PCT/IN2003/000105

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PREPARING ANTIBACTERIAL AND ANTIOXIDANT FRACTION FROM SEABUCKTHORN SEEDS (HIPPOPHAE RHAMNOIDES L.)

• PROCÉDE POUR PRÉPARER UNE FRACTION ANTIBACTÉRIENNE ET ANTIOXYDANTE DE GRAINES D'ARGOUSIER (HIPPOPHAE RHAMNOIDES L.)

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) **CHAUHAN, Attar, Singh**; Central Food Technological Research Institute, Mysore, Karnataka (IN). **NEGI, Pradeep, Singh**; Central Food Technological Research Institute, Mysore, Karnataka (IN). **RAMTEKE, Ramesh, Shyam**; Central Food Technological Research Institute, Mysore, Karnataka (IN).

(74) **SUBRAMANIAM, Hariharan** et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048 (IN).

(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)⁷ **A61K 35/78, A61P 35/00**
(11) **WO 2004/087186** (13) A1
(21) PCT/SG2003/000071
(22) **3 Apr/avr 2003 (03.04.2003)**
(25) en (26) en
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • COMPOSITION AND METHOD FOR SUPPORTING CANCER TREATMENTS
• COMPOSITION ET METHODE POUR FACILITER DES TRAITEMENTS DE CANCER
(71) **MEDIGEN BIOTECHNOLOGY SINGAPORE PTE. LTD.** [SG/SG]; 10 Anson Road, #13-12, International Plaza, Singapore 079903 (SG). **MEDIGREEN BIOTECHNOLOGY CORPORATION** [—/—]; 5 FL., N° 611, Sec. 1, Wanshou Rd., Gueishan, Shiang, Taoyuan 333 (TW).
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(72, 75) **CHANG, Hsun-Lang** [—/—]; Suite 3, 4 FL., N° 72, Jungmei 3rd. St., Hualien City, Hualien 970 (TW). **WU-CHANG, Chuang** [—/—]; 3 FL., N° 9, Lane 55, Shinyi Rd., Yunghe City, Taipei 234 (TW). **KUO, Wei-Ying** [—/—]; 5 FL., N° 27, Lane 384, Jiasheng Road, Jubei City, Hsinchu 302 (TW). **SHANE, Guang-Tzuu** [—/—]; 4 FL., N° 14, Lane 172, Sec. 2, Tun-Hwa S. Road, Taipei (TW). **CHANG, Hung-Sheng** [—/—]; 2 FL., N° 32-1, Guoguang Rd., Banchiau City, Taipei 220 (TW).
(74) **LORRAINE, Anne Tay**; Wong & Leow LLC, 1 Temasek Avenue, #27-01, Millenia Tower, Singapore 039192 (SG).
(81) AU CA CN DE GB 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)⁷ **A61K 35/80, 7/00, A61P 37/04, A23L 1/30**
(11) **WO 2004/087187** (13) A1
(21) PCT/JP2004/004592
(22) **31 Mar/mar 2004 (31.03.2004)**
(25) ja (26) ja
(30) 2003-097374 **31 Mar/mar 2003 JP (31.03.2003)**
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • METHOD OF ENHANCING AUTOIMMUNITY
• PROCEDE D'ACTIVATION D'AUTO-IMMUNITE
(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) **KAKITA, Hirotaka** [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Shikoku, 2217-14, Hayashi-cho, Takamatsu-shi, Kagawa 7610395 (JP). **KAMISHIMA, Hiroshi** [JP/JP]; c/o National Institute of Advanced Industrial Science and Technology, Shikoku, 2217-14, Hayashi-cho, Takamatsu-shi, Kagawa 7610395 (JP).
(74) **AGATA, Akira** et al. / etc.; Agata Patent Office, 3rd Floor, Ikeden Building, 12-5, Shim-bashi 2-chome, Minato-ku, Tokyo 1050004 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ **A61K 38/00, 38/17, A61P 29/00, 37/00, 37/08, 27/14, 17/06**
(11) **WO 2004/087188** (13) A1
(21) PCT/GB2004/001428
(22) **1 Apr/avr 2004 (01.04.2004)**
(25) en (26) en
(30) 0307544.7 **1 Apr/avr 2003 GB (01.04.2003)**
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • HISTAMINE BINDING COMPOUNDS FOR TREATMENT METHOD FOR DISEASE CONDITIONS MEDIATED BY NEUTROPHILS
• COMPOSES FIXANT L'HISTAMINE UTILISES DANS UNE METHODE DE TRAITEMENT DE MALADIES MEDIEES PAR DES NEUTROPHILES
(71) **EVOLUTEC LIMITED** [GB/GB]; The Magdalen Centre, Oxford Science Park OX4 4GA (GB).
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(72, 75) **WESTON-DAVIES, Wynne** [GB/GB]; The Magdalen Centre, Oxford Science Park OX4 4GA (GB).
(74) **GOODFELLOW, Hugh, Robin** et al. / etc.; Carpmals & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (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)⁷ **A61K 38/00**
(11) **WO 2004/087189** (13) A2
(21) PCT/IB2004/000885
(22) **25 Mar/mar 2004 (25.03.2004)**
(25) it (26) en
(30) PCT/IT03/00193 **1 Apr/avr 2003 IT (01.04.2003)**
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • USE OF BACTERIOCIN FOR THE AMELIORATION OF DIGESTIVE FUNCTIONALITY
• UTILISATION DE LA BACTERIOCINE POUR AMELIORER LA FONCTIONNALITE DIGESTIVE
(71, 72) **PIVA, Andrea** [IT/IT]; Via Carbonesi, 7, I-40123 Bologna (IT). **CASADEI, Gabriele** [IT/IT]; Via Donati, 158, I-47020 Cesena (IT).
(74) **MARGUTTI, Roberto**; Bugnion S.p.A., Viale Lancetti, 17, I-20158 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ **A61K 38/00**
(11) **WO 2004/087190** (13) A1
(21) PCT/US2004/009485
(22) **29 Mar/mar 2004 (29.03.2004)**
(25) en (26) en
(30) 60/459,683 **2 Apr/avr 2003 US (02.04.2003)**
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • METHOD FOR THE TREATMENT OF PROSTATE CANCER
• PROCEDE DE TRAITEMENT DU CANCER DE LA PROSTATE
(71) **GENIX THERAPEUTICS INC.** [US/US]; 505 N. Wolf Road, Wheeling, IL 60090 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **EL-RASHIDY, Ragab** [US/US]; 130 Exmoor Court, Deerfield, IL 60015 (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)⁷ A61K 38/06

(11) WO 2004/087191 (13) A1

(21) PCT/ES2004/000126

(22) 18 Mar/mar 2004 (18.03.2004)

(25) es (26) es

(30) 2003 00770 1 Apr/avr 2003 ES
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOSITION FOR THE PREVENTION AND TREATMENT OF CELLULITIS

• COMPOSITION PERMETTANT DE PREVENIR ET DE TRAITER LA CELLULITE

(71) LIPOTEC, S.A. [ES/ES]; C/Isaac Peral, 17, Pol. Ind. Camí Ral, E-08850 Gava (ES).
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(72, 75) GARCÍA ANTÓN, José, María [ES/ES]; C/Dalmases, 61, àtic 2a, E-08017 Barcelona (ES). CEBRIÁN PUCHE, Juan [ES/ES]; C/Huelva, 51-53, 3^o -2a, E-08020 Barcelona (ES). GERMÀ VALLÉS, Alejandro, José [ES/ES]; C/Poesia, Esc. 7, 3^o -2a, Rubí, E-08191 Barcelona (ES). PASSERINI, Elena [IT/ES]; Calle Mora d'Ebre 92, Barcelona (ES).

(74) DAVILA BAZ, Angel; C/O Clarke, Modet & Co., C/Goya n° 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 VN YU ZA ZM ZW.

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

(51)⁷ A61K 38/06, A61P 17/00

(11) WO 2004/087192 (13) A1

(21) PCT/ES2004/000127

(22) 18 Mar/mar 2004 (18.03.2004)

(25) es (26) es

(30) P200300769 1 Apr/avr 2003 ES
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHARMACEUTICAL AND COSMETIC COMPOSITIONS WHICH ARE USED TO PREVENT AND TREAT CELL AGEING THROUGH THE SEQUESTRATION OF REACTIVE CARBONYL SPECIES

• COMPOSITIONS PHARMACEUTIQUES ET COSMETIQUES PERMETTANT DE PREVENIR ET DE TRAITER LE VIEILLISSEMENT CELLULAIRE

AU MOYEN DE LA SEQUESTRATION D'ESPECES REACTIVES CARBONYLE

(71) LIPOTEC, S.A. [ES/ES]; C/Isaac Peral, 17, Pol. Ind. Camí Ral, E-08850 Gava (ES).

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(72, 75) GARCÍA ANTÓN, José María [ES/ES]; C/Dalmases, 61, àtic 2a, E-Barcelona (ES). MAFFEI FACINO, Roberto [IT/IT]; Via Alfredo Oriani, 1, I-20122 Milano (IT). CARINI, Marina [IT/IT]; Corso di Porta Romana 118, I-20122-Milano (IT). PASSERINI, Elena [IT/ES]; Calle Mora d'Ebre 92, E-Barcelona (ES).

(74) DÁVILA BAZ, Angel; C/O Clarke, Modet & Co., C/ Goya, 11, 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 VN YU ZA ZM ZW.

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

(51)⁷ A61K 38/16

(11) WO 2004/087193 (13) A1

(21) PCT/KR2004/000774

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ko (26) en

(30) 10-2003-0021065 3 Apr/avr 2003 KR
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USE OF A PEPTIDE THAT INTERACTS WITH ALPHA V BETA3 INTEGRIN OF ENDOTHELIAL CELL

• UTILISATION D'UN PEPTIDE INTERAGISSANT AVEC L'INTEGRINE ALPHA V BETA3 DE CELLULES ENDOTHELIALES

(71) REGEN BIOTECH INC.. [KR/KR]; 39-1, KIST, Hawolgok-Dong, Sungbook-ku, 136-791 Seoul (KR).

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(72, 75) NAM, Ju-Ock [KR/KR]; Cell and Matrix Biology National Research Laboratory, Department of Biochemistry, Kyungpook National University School of Medicine, 101 Dongin-Dong, Jung-gu, 700-422 Daegu (KR). KIM, Jung-Eun [KR/KR]; Cell and Matrix Biology National Research Laboratory, Department of Biochemistry, Kyungpook National University School of Medicine, 101 Dongin-dong, Jung-gu, 700-422 Daegu (KR). JEONG, Ha-Won [KR/KR]; Cell and Matrix Biology National Research Laboratory, Department of Biochemistry, Kyungpook National University School of Medicine, 101 Dongin-dong, Jung-gu, 700-422 Daegu (KR). LEE, Sung-Jin [KR/KR]; Cell and Matrix Biology National Research Laboratory,

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(74) KIM, Seog-Hyun; 9th Floor, Daekyung Building, 2-ka, Taepyeong-ro, Chung-ku, Seoul 100-724 (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 OMPG 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)⁷ A61K 38/17, A61P 3/00

(11) WO 2004/087194 (13) A2

(21) PCT/EP2004/003417

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03007274.8 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USE OF A DG931 PROTEIN PRODUCT FOR PREVENTING AND TREATING DIABETES AND/OR OBESITY AND/OR METABOLIC SYNDROME

• UTILISATION D'UN PRODUIT DE PROTEINE DG931 DANS LA PREVENTION ET LE TRAITEMENT DU DIABETE ET/OU DE L'OBESITE ET/OU DU SYNDROME METABOLIQUE

(71) DEVELOGEN AKTIENGESELLSCHAFT FÜR ENTWICKLUNGSBIOLOGISCHE FORSCHUNG [DE/DE]; Rudolf-Wissell-Strasse 28, 37079 Göttingen (DE).

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(72, 75) ONICHTCHOUK, Daria [RU/DE]; Auf der Lieth 12, 37077 Göttingen (DE).

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- (74) KAISER, Jürgen; Winter Brandl Fürniss Hübner Röss Kaiser Polte - Partnership, Alois-Steinecker-Strasse 22, 85354 Freising (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)⁷ A61K 38/17, G01N 33/50, A61K 39/00, A61P 37/00, 25/00, 35/00, 1/00, 9/00, 11/00, 15/00, 17/00, 19/00, 27/00, 31/00
- (11) WO 2004/087195 (13) A2
- (21) PCT/GB2004/001379
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 0307472.1 1 Apr/avr 2003 GB (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ASSAYS AND MEDICAL TREATMENTS
• DOSAGES ET TRAITEMENTS MÉDICAUX
- (71) LORANTIS LIMITED [GB/GB]; 410 Cambridge Science Park, Cambridge CB4 0PE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHAMPION, Brian, Robert [GB/GB]; c/o Lorantis Limited, 410 Cambridge Science Park, Cambridge CB4 0PE (GB). LIOUMI, Maria [GR/GB]; c/o Lorantis Limited, 410 Cambridge Science Park, Cambridge CB4 0PE (GB). MCKENZIE, Grahame, James [GB/GB]; c/o Lorantis Limited, 410 Cambridge Science Park, Cambridge CB4 0PE (GB). YOUNG, Lesley, Lynn [GB/GB]; c/o Lorantis Limited, 410 Cambridge Science Park, Cambridge CB4 0PE (GB).
- (74) WALTERS, Philip, Bernard, William; Lorantis Limited, 410 Cambridge Science Park, Cambridge CB4 0PE (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)⁷ A61K 38/47, 31/355, 38/54
- (11) WO 2004/087197 (13) A1
- (21) PCT/BR2003/000052
- (22) 1 Apr/avr 2003 (01.04.2003)
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DRUG PRODUCTION PROCESS CORRESPONDING CARRIER AND USE
• PROCEDE DE PRODUCTION DE MÉDICAMENT, VECTEUR CORRESPONDANT ET UTILISATION DE CE MÉDICAMENT
- (71, 72) SANTANA, Cristiano, Alberto, Ribeiro [BR/BR]; Rua Almirante P. Guimarães, 176, Pacaembú, CEP-01250-000 São Paulo, SP (BR). NUCCI, Gilberto de [BR/BR]; Av. Jesuino Marcondes Machado 415, Campinas, CEP-05641-900 São Paulo, SP (BR).
-
- (74) CRUZEIRO NEWMARC PATENTES E MARCAS LTDA.; Rua Itajobi 79, Pacaembú,, São Paulo-SP, CEP: 01246-010 (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 ES FI GB GD GE GH GM HR HU ID 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 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).
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- (51)⁷ A61K 38/48, 38/36
- (11) WO 2004/087198 (13) A1
- (21) PCT/CA2004/000493
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/459,647 3 Apr/avr 2003 US (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • USE OF COAGULATION PROTEINS TO LYSE CLOTS
• UTILISATION DE PROTEINES DE COAGULATION POUR LA LYSÉ DE CAILLOTS
- (71) CANADIAN BLOOD SERVICES [CA/CA]; 1800 Alta Vista Drive, Ottawa, Ontario K1G 4J5 (CA).
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- (72, 75) PRYZDIAL, Edward L.G. [CA/CA]; 2211 Westbrook Mall, Vancouver, British Columbia V6T 2B5 (CA).
- (74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal 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)⁷ A61K 38/56, A61P 3/10, A23L 1/30
- (11) WO 2004/087199 (13) A1
- (21) PCT/JP2004/004497
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) ja (26) ja
- (30) 2003-097302 31 Mar/mar 2003 JP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOSITION FOR IMPROVING INSULIN RESISTANCE

• COMPOSITION POUR L'AMELIORATION DE LA RESISTANCE A L'INSULINE

(71) FUJI OIL COMPANY, LIMITED [JP/JP]; 1-5, Nishishinsaibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 5420086 (JP).

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(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 VN YU ZA ZM ZW.

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

(51)⁷ A61K 39/104

(11) WO 2004/087200 (13) A2

(21) PCT/GR2004/000018

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 20030100156 2 Apr/avr 2003 GR (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VACCINE AND SERUM FOR PROTECTION OF CYSTIC FIBROSIS PATIENTS AGAINST PSEUDOMONAS AERUGINOSA

• VACCIN ET SERUM DESTINES A PROTEGER DES PATIENTS MUCOVISCIDOSIQUES CONTRE PSEUDOMONAS AERUGINOSA

(71, 72) SAPOUNJI, Zacharoula [GR/GR]; Mitropolitou Karavaggeli 1, GR-53100 Flonina (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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ A61K 39/12, 39/275, 39/21, 39/285

(11) WO 2004/087201 (13) A2

(21) PCT/US2004/009906

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/459,175 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MVA EXPRESSING MODIFIED HIV ENVELOPE, GAG, AND POL GENES

• MVA EXPRIMANT DES GENES MODIFIES ENVELOPPE, GAG ET POL DU VIH

(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 20852-3804 (US).

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(72, 75) MOSS, Bernard [US/US]; 10301 Dickens Ave., Bethesda, MD 20814 (US). EARL, Patricia, L. [US/US]; 3520 Woodbine Street, Chevy Chase, MD 20815 (US). WYATT, Linda [US/US]; 11201 Huntover Drive, Rockville, MD 20852 (US). ELLER, Leigh Anne [US/US]; 11404 Flowerton Place, Germantown, MD 20876 (US). VANCOTT, Thomas [US/US]; 19108 Mt Airey Rd., Brookeville, MD 20833 (US). HARRIS, Matthew, Edward [US/US]; 12742 Avenida de Espuela, Poway, CA 92064 (US).

(74) DELANEY, Karoline, A.; 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ A61K 39/39

(11) WO 2004/087202 (13) A2

(21) PCT/EP2004/003514

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307867.2 4 Apr/avr 2003 GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ORGANIC COMPOUNDS

• COMPOSES ORGANIQUES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT). *(only for / seulement pour AT)*

(72, 75) GRASSBERGER, Maximilian [AT/AT]; Schaumburggasse 12/7, A-1040 Wien (AT). HIRSCH, Stefan [DE/DE]; Theodor-Heuss-Strasse 21A, 79539 Lörrach (DE). MAYER, Friedrich, Karl [AT/CH]; Im Ziegelgarten 9, CH-4104 Oberwil (CH). SEKKAT, Nabila [MA/CH]; Davidsbodenstrasse 34, CH-4056 Basel (CH). STÜTZ, Anton [AT/AT]; Haymogasse 140, A-1238 Wien (AT).

(74) GRUBB, Philip; Novartis 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 VN YU ZA ZM ZW.

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

(51)⁷ A61K 39/39

(11) WO 2004/087203 (13) A2

(21) PCT/IB2004/001371

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,920 2 Apr/avr 2003 US (02.04.2003)

(30) 60/461,903 10 Apr/avr 2003 US (10.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMMUNOSTIMULATORY NUCLEIC ACID OIL-IN-WATER FORMULATIONS AND RELATED METHODS OF USE

- FORMULATIONS DE TYPE
HUILE-DANS-L'EAU A BASE
D'ACIDES NUCLEIQUES IMMUNOSTIMULATEURS, ET PROCEDES
D'UTILISATION ASSOCIES
- (71) **COLEY PHARMACEUTICAL GROUP, LTD.** [CA/CA]; 608-11 Holland Avenue, Ottawa, Ontario K1Y 4S1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAVIS, Heather, L.** [CA/CA]; 3090 Barlow Crescent, Durobin, Ontario K0A 1T0 (CA). **MCCLUSKIE, Michael, J.** [GB/CA]; 6 Carwood Circle, Ottawa, Ontario K1K 4V3 (CA).
- (74) **SCHWARTZ, David, E.** 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 39/395, 47/48, A61P 35/00**
- (11) **WO 2004/087205** (13) A1
- (21) PCT/CA2004/000474
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) en (26) en
- (30) 10/403,516 **31 Mar/mar 2003 US (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CYTOTOXICITY MEDIATION OF CELLS EVIDENCING SURFACE EXPRESSION OF GP96 OR PRECURSORS THEREOF
- MEDIATION DE CYTOTOXICITE DE CELLULES METTANT EN EVIDENCE UNE EXPRESSION EN SURFACE DE PROTEINE GP96 OU DE PRECURSEURS DE CELLE-CI
- (71) **ARIUS RESEARCH, INC.** [CA/CA]; 55 York Street, 16th Floor, Toronto, Ontario M5J 1RY (CA).
- (72) **YOUNG, David, S., F.**; 33 University Avenue, Suite 2407, Toronto, Ontario M5J 2S7 (CA). **TAKAHASHI, Miyoko**; 65 Franklin Avenue, North York, Ontario M2N 1B8 (CA). **HAHN, Susan, E.**; 9 Innisfree Court, Toronto, Ontario M6P 3N7 (CA).
- (74) **SINGLEHURST, John, C.**; Finlayson & Singlehurst, 70 Gloucester Street, Ottawa, Ontario K2P 0A2 (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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- Published / Publiée : (c)
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-
- (51)⁷ **A61K 39/395**
- (11) **WO 2004/087206** (13) A2
- (21) PCT/US2004/009246
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/458,790 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHODS OF TREATING DIABETES BY BLOCKING VEGF-MEDIATED
- METHODES DE TRAITEMENT DU DIABETE PAR BLOCAGE DE L'ACTIVITE INDUITE PAR LE FACTEUR DE CROISSANCE ENDOTHELIALE
- (71) **REGENERON PHARMACEUTICALS, INC.** [US/US]; 777 Old Saw Mill River Road, Tarrytown, NY 10591 (US).
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- (72, 75) **SLEEMAN, Mark, W.** [AU/US]; 118 Lake Drive, Mahopac, NY 10541 (US). **WIEGAND, Stanley, J.** [US/US]; 15 Fox Run Road, Croton-on-Hudson, NY 10520 (US).
- (74) **GREGG, Valeta**; Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, 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).
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- (51)⁷ **A61K 39/395**
- (11) **WO 2004/087207** (13) A2
- (21) PCT/US2004/009270
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/458,146 **27 Mar/mar 2003 US (27.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR INDUCING APOPTOSIS AND ANEUPLOIDY REGRESSION IN CANCER CELLS
- METHODE POUR INDUIRE L'APOPTOSE ET LA REGRESSION DE L'ANEUPLOIDIE DANS DES CELLULES CANCEREUSES
- (71) **GEORGETOWN UNIVERSITY** [US/US]; Office of Technology Licensing, Box 571408, Washington, DC 20057-1408 (US).
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- (72, 75) **ALPER, Özge** [TR/US]; 9407 Rockville Pike, Bethesda, MD 20814 (US).
- (74) **GRANAHAN, Patricia** 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)⁷ A61K 41/00, 38/17, A61P 35/00, 43/00

(11) WO 2004/087208 (13) A1

(21) PCT/JP2003/003825

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • THERMOTHERAPEUTIC FOR MALIGNANT TUMOR COMPRISING HEAT SHOCK PROTEIN AND FINE MAGNETIC PARTICLES

- SUBSTANCE THERMOTHERAPEUTIQUE CONTRE DES TUMEURS MALIGNES COMPRENANT UNE PROTEINE DU STRESS ET DE FINES PARTICULES MAGNETIQUES

(71) TTC CO., LTD. [JP/JP]; 20-8, Ebisunishi 1-chome, Shibuya-ku, Tokyo 150-0021 (JP).
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(71, 72) KOBAYASHI, Takeshi [JP/JP]; 29-1, Shimokata-cho 4-chome, Chikusa-ku, Nagoya-shi, Aichi 464-0096 (JP).

(72, 75) ITO, Akira [JP/JP]; 118-234, Hosone, Narumi-cho, Midori-ku, Nagoya-shi, Aichi 458-0827 (JP). HONDA, Hiroyuki [JP/JP]; 69-239, Oshimizu, Narumi-cho, Midori-ku, Nagoya-shi, Aichi 458-0818 (JP).

(74) TSUKUNI, Hajime; SVAX TS Bldg., 22-12, 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 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 SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A61K 45/00, 31/485, 31/44, 31/167, 31/135, 31/222, 31/137, 31/439, 9/70, 9/20, A61P 25/04

(11) WO 2004/087209 (13) A1

(21) PCT/JP2003/003805

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PREPARATION FOR SUSTAINING THERAPEUTICALLY EFFECTIVE BLOOD CONCENTRATION OF ANALGESIC ACTIVITY POTENTIATOR

- PREPARATION POUR ASSURER UNE CONCENTRATION SANGUINE THERAPEUTIQUEMENT EFFICACE D'UN POTENTIALISATEUR D'ACTIVITE ANALGESIQUE

(71) HISAMITSU PHARMACEUTICAL CO., INC. [JP/JP]; 408, Tashirodaikan-machi, Tosu-shi, Saga 841-0017 (JP).

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(72, 75) SUZUKI, Manzo [JP/JP]; Department of Anaesthesia, Nippon Medical School Second Hospital, 1-396, Kosugi-machi, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0063 (JP). UEMURA, Kengo [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). GOTO, Takeshi [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). TERAHARA, Takaaki [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). MORI, Kenji [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). HIGO, Naruhito [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP). SATO, Shuji [JP/JP]; c/o Hisamitsu Pharmaceutical Co., Inc., Tsukuba Research Laboratories, 1-25-11, Kannondai, Tsukuba-shi, Ibaraki 305-0856 (JP).

(74) KUZUWA, Kiyoshi; Patent Attorneys, Kuzuwa & Partners, AOI Bldg., 19, Honshio-cho, Shinjuku-ku, Tokyo 160-0003 (JP).

(81) BR CA ID 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)⁷ A61K 45/00, 39/395, A61P 37/06, C07K 16/18, 16/46, C12P 21/08, C12Q 1/02

(11) WO 2004/087210 (13) A1

(21) PCT/JP2004/004698

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-095765 31 Mar/mar 2003 JP (31.03.2003)

(30) 2003-413786 11 Dec/déc 2003 JP (11.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD OF INDUCING DIFFERENTIATION AND PROLIFERATING REGULATORY T CELL BY ANTI-CD52 ANTIBODY AND MEDICINAL COMPOSITION THEREFOR

- METHODE D'INDUCTION DE DIFFERENCIATION ET DE PROLIFERATION DE CELLULES T REGULATRICES PAR UN ANTICORPS ANTI-CD52 ET COMPOSITION MEDICINALE ASSOCIEE

(71) KIRIN BEER KABUSHIKI KAISHA [JP/JP]; 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo 1048288 (JP).

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

(71, 72) MASUYAMA, Junichi [JP/JP]; 4-15-8, Higashijonan, Oyama-shi, Tochigi 3230829 (JP).

(72, 75) WATANABE, Tomoko [JP/JP]; c/o Pharmaceutical Research Laboratories, Kirin Beer Kabushiki Kaisha, 3, Miyahara-cho, Takasaki-shi, Gunma 3701295 (JP). SOMA, Yoshiaki [JP/JP]; c/o Pharmaceutical Research Laboratories, Kirin Beer Kabushiki Kaisha, 3, Miyahara-cho, Takasaki-shi, Gunma 3701295 (JP). YAMAGUCHI, Yasunori [JP/JP]; c/o Pharmaceutical Division, Kirin Beer Kabushiki Kaisha, 26-1, Jingumae 6-chome, Shibuya-ku, Tokyo 1508011 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 45/00

(11) WO 2004/087211 (13) A2

(21) PCT/US2004/010346

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/458,955 1 Apr/avr 2003 US (01.04.2003)

(30) 60/470,434 15 May/mai 2003 US (15.05.2003)

(30) 60/540,301 28 Jan/jan 2004 US (28.01.2004)

(30) 60/544,003 12 Feb/fév 2004 US (12.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • INHIBITORS OF PHOSPHODIESTERASES IN INFERTILITY

- INHIBITEURS DE PHOSPHODIESTERASES DANS L'INFECONDITE

(71) APPLIED RESEARCH SYSTEMS ARS HOLDING N.V. [NL/NL]; Pietermaai 15, Curacao (AN).

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

(72, 75) PALMER, Stephen, S. [US/US]; 67 Main Street, Plympton, MA 02367 (US). McKENNA, Sean, D. [US/US]; 679 Lincoln Street, Duxbury, MA 02332 (US). ARKINSTALL, Stephen, J. [US/US]; 31 Marsh Street, Belmont, MA 02478 (US). ESHKOL, Aliza [CH/CH]; Chemin du Petit Molard 1, CH-1278 La Rippe (CH). MACNAMEE, Michael, C. [GB/GB]; 30 Riddy Lane, Bourn, Cambridgeshire CB3 7SP (GB).

(74) CLOUGH, David, W. et al. / etc.; Howrey Simon Arnold & White, LLP, Suite 3400, 321 N. Clark Street, 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)⁷ A61K 45/06, A61P 29/00, A61K 33/00, 31/57

(11) WO 2004/087212 (13) A2

(21) PCT/SE2004/000511

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0300971-9 3 Apr/avr 2003 SE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NITRIC OXIDE IN TREATMENT OF INFLAMMATION

• UTILISATION D'OXYDE NITRIQUE DANS LE TRAITEMENT DE L'INFLAMMATION

(71) AGA AB [SE/SE]; S-181 81 Lidingö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEN, Luni [CN/SE]; Grandungevägen 4, S-756 46 Uppsala (SE). DA, Jiping [CN/SE]; Döbelnsgatan 2C, room 250, S-752 37 Uppsala (SE). HEDENSTIERNA, Göran [SE/SE]; Vendevägen 74, S-182 64 Djursholm (SE).

(74) AWAPATENT AB; Box 45086, S-104 30 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)

(u) for / pour US only / seulement

(51)⁷ A61K 47/10, 38/24

(11) WO 2004/087213 (13) A1

(21) PCT/EP2004/050432

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03100882.4 2 Apr/avr 2003 EP (02.04.2003)

(30) 03101543.1 27 May/mai 2003 EP (27.05.2003)

(30) 03101828.6 20 Jun/juin 2003 EP (20.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LIQUID PHARMACEUTICAL FORMULATIONS OF FSH AND LH TOGETHER WITH A NON-IONIC SURFACTANT

• FORMULATIONS PHARMACEUTIQUES FSH ET LH

(71) ARES TRADING S.A. [CH/CH]; Zone Industrielle de l'Ouriettaz, CH-1170 Aubonne (CH).

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

(72, 75) SAMARITANI, Fabrizio [IT/IT]; Via Luigi Chiala 130, I-00139 Roma (IT). DONATI, Piergiorgio [IT/CH]; Rue de Lausanne 66, CH-1110 Morges (CH).

(74) HASSA, Juergen; Serono International SA, Intellectual Property, 12, Chemin des Aulx, CH-1228 Plan-les-Ouates (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)⁷ A61K 47/32, 47/34, A61L 27/44, 31/00

(11) WO 2004/087214 (13) A1

(21) PCT/US2004/009602

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/402,893 28 Mar/mar 2003 US (28.03.2003)

(30) 10/777,283 11 Feb/fév 2004 US (11.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPLANTABLE MEDICAL DEVICE WITH BENEFICIAL AGENT CONCENTRATION GRADIENT

• DISPOSITIF MEDICAL IMPLANTABLE A GRADIENT DE CONCENTRATION D'AGENT UTILE

(71) CONOR MEDSYSTEMS, INC. [US/US]; 1003 Hamilton Court, Menlo Park, CA 94025 (US).

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

(72, 75) SHANLEY, John, F. [US/US]; 401 Camberly Way, Redwood City, CA 94061 (US). PARKER, Theodore, J. [US/US]; 634 Dunhill Place, Danville, CA 94506 (US).

(74) LYNCH, Cindy, A.; Conor Medsystems, Inc., 1003 Hamilton Court, 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 PL PT RO 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)⁷ A61K 47/48

(11) WO 2004/087215 (13) A1

(21) PCT/GB2004/001478

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0307777.3 4 Apr/avr 2003 GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GONADOTROPIN RELEASING HORMONE ANALOGUES CONJUGATES WITH STEROID HORMONES

• ANALOGUES DE LA GONADOLIBERINE CONJUGUES AUX HORMONES STEROIDES

(71) ARDANA BIOSCIENCE LIMITED [GB/GB]; 58 Queen Street, Edinburgh EH2 3NS (GB).

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(72, 75) MILLAR, Robert, Peter [GB/GB]; MRC Human Reproductive Sciences Unit, Centre for Reproductive Biology, The University of Edinburgh Academic Centre, 49 Little France Crescent, Old Dalkeith Road, Edinburgh EH16 4SB (GB).

(74) MILES, John; 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).

Published / Publiée : (c)

(51)⁷ A61K 48/00

(11) WO 2004/087216 (13) A2

(21) PCT/DE2004/000649

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 14 412.9 28 Mar/mar 2003 DE (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GENETIC IMMUNIZATION BY MEANS OF MULTIPLE EXPRESSION STRUCTURES IN ORDER TO PRODUCE MONOCLONAL ANTIBODIES

• IMMUNISATION GENETIQUE PAR DES CONSTRUCTIONS D'EXPRESSIONS MULTIPLES POUR PRODUIRE DES ANTICORPS MONOCLONAUX

(71) GENOVAC GMBH [DE/DE]; Walter-shofener Strasse 17, 79111 Freiburg (DE).

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(72, 75) LOHRMANN, Jens [DE/DE]; Kreuzkopfstrasse 23a, 79100 Freiburg (DE). ZIMMERMANN, Wolfgang [DE/DE]; Bavariaring 17, 80336 München (DE). THOMPSON, John [GB/DE]; Wilhelmstrasse 24a, 79098 Freiburg (DE). GRUNERT, Fritz [DE/DE]; St-Peter Strasse 26, 79341 Kenzingen (DE).

(74) STÜRKEN, Joachim; J. Stürken Patentanwalts-gesellschaft mbH, Engesserstrasse 4a, 79108 Freiburg (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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ A61K 49/00, G01N 33/50, C07K 14/48

(11) WO 2004/087217 (13) A1

(21) PCT/CA2004/000304

(22) 1 Mar/mar 2004 (01.03.2004)

(25) en (26) en

(30) 60/450,684 3 Mar/mar 2003 US (03.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN ANIMAL MODEL OF SCHIZOPHRENIA

• MODELE ANIMAL DE SCHIZOPHRENIE

(71) LONDON HEALTH SCIENCES CENTRE RESEARCH INC. [CA/CA]; Room C-210, Nurse's Residence, 370 South Street, London, Ontario N6A 4G5 (CA).

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(72, 75) RAJAKUMAR, Nagalingam [CA/CA]; 223 Sunnyside Drive, London, Ontario N5X 3R1 (CA). RAJAKUMAR, Bavani [CA/CA]; 223 Sunnyside Drive, London, Ontario N5X 3R1 (CA).

(74) BARTOSZEWICZ, Lola, A. et al. / etc.; Sim & McBurney, 330 University Avenue, 6th Floor, Toronto, Ontario M5G 1R7 (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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 49/00, 49/10, 49/12

(11) WO 2004/087218 (13) A1

(21) PCT/JP2004/004542

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-094202 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AGENT FOR IMPORIVNG FUNCTION OF DETECTING LESION IN DIGESTIVE TRACT BY CT COLONOGRAPHY OR MR COLONOGRAPHY, COMPOSITION FOR WASHING INTESTINAL TRACT AND KIT OR PACKAGED ARTICLE FOR WASHING INTESTINAL TRACT

• AGENT D'AMELIORATION DE LA FONCTION DE DETECTION D'UNE LESION DANS UN CONDUIT DIGESTIF PAR CT COLONOGRAPHIE OU MR COLONOGRAPHIE, COMPOSITION DE LAVAGE D'UN CONDUIT INTESTINAL ET KIT OU ARTICLE EMBALLE POUR LAVAGE DE CONDUIT INTESTINAL

(71) AJINOMOTO PHARMA CO., LTD. [JP/JP]; 7-2, Yaesu 2-chome, Chuo-ku, Tokyo, 1040028 (JP).

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

(72, 75) SUGINO, Yoshinori [JP/JP]; 35, Sazu-machi, Chofu-shi, Tokyo, 1820016 (JP). ITO, Masaharu [JP/JP]; c/o Ajinomoto Pharma Co., Ltd., 7-2, Yaesu 2-chome, Chuo-ku, Tokyo, 1040028 (JP). YAMAMOTO, Kenji [JP/JP]; c/o Ajinomoto Pharma Co., Ltd., 7-2, Yaesu 2-chome, Chuo-ku, Tokyo, 1040028 (JP).

(74) SHIMOKOSHI, Masao et al. / etc.; 9th Fl., Taka-ai Bldg., 15-2, Nihombashi 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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61L

(11) WO 2004/087219 (13) A2

(21) PCT/US2004/009855

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/403,133 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SCRUBBING ELEMENT WITH LEADER

• ELEMENT DE LAVAGE POURVU D'UNE PIECE DE GUIDAGE

(71) CYGNUS MEDICAL [US/US]; 13 Beaver Road, Branford, CT 06405 (US).

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

(72) MAGUIRE, Walter, L., Jr.; 160 Uncas Point Road, Guilford, CT 06437 (US). SWEENEY, Shaun; 28 Hamilton Street, Hamburg, NJ 07419 (US).

(74) WHITMYER, Wesley, W., Jr. et al. / etc.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (US).

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

(51)⁷ A61L 2/02, C07K 1/34

(11) WO 2004/087220 (13) A1

(21) PCT/AU2004/000423

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 2003901515 2 Apr/avr 2003 AU (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ISOLATION OF A PROTEIN FROM A NATURAL SOURCE IN STERILE FORM

- ISOLATION D'UN PROTEINE D'UNE SOURCE NATURELLE SOUS FORME STERILE

(71) **NORIKA HOLDINGS PTY LTD** [AU/AU]; 12 Bage Street, Nundah, Queensland 4012 (AU).

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

(72, 75) **MANICKAVASAGAM, Bhanu** [AU/AU]; 5 Tamarix Street, Chapel Hill, Queensland 4069 (AU).

(74) **GRIFFITH HACK**; Level 10, 167 Eagle Street, GPO Box 3125, 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61L 2/12, 2/00

(11) **WO 2004/087221** (13) A1

(21) PCT/IN2003/000127

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MICROBIAL DECONTAMINATOR

- APPAREIL DE DECONTAMINATION MICROBIENNE

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

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

(72, 75) **QAZI, Ghulam, Nabi** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **PURI, Satish, Chander** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **BRAROO, Anupama** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **VERMA, Vijeshwar** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **RIYAZ-UL-HASSAN, Syed** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **ANAND, Rajneesh** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **BHONDEKAR, Amol, P** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **KUMAR, Ashwani** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **BHARADWAJ, Lalit, M** [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). **BAJPAI, R., P.** [IN/IN]; Central Scientific Instrument

Organization, Sector 30-C, Chandigarh 160 020 (IN).

(74) **GOPALAN, Deepak, Srinivas; Kumaran & Sagar**, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

(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)⁷ A61L 2/28, 2/14, G01N 31/22

(11) **WO 2004/087222** (13) A1

(21) PCT/JP2003/004129

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INDICATOR FOR PLASMA STERILIZATION AND PACKAGING MATERIAL FOR STERILIZATION

- TEMOIN DE STERILISATION DU PLASMA ET MATERIAU D'EMBALLAGE POUR STERILISATION

(71) **FUJIMORI KOGYO CO., LTD.** [JP/JP]; 4-16, Nihombashibakuro-cho 1-chome, Chuo-ku, Tokyo 103-0002 (JP).

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

(72, 75) **SUTOH, Teiko** [JP/JP]; c/o FUJIMORI KOGYO CO., LTD., 4-16, Nihombashibakuro-cho 1-chome, Chuo-ku, Tokyo 103-0002 (JP). **SUGIYAMA, Hiroko** [JP/JP]; c/o FUJIMORI KOGYO CO., LTD., 4-16, Nihombashibakuro-cho 1-chome, Chuo-ku, Tokyo 103-0002 (JP). **HAYASHI, Masushi** [JP/JP]; c/o FUJIMORI KOGYO CO., LTD., 4-16, Nihombashibakuro-cho 1-chome, Chuo-ku, Tokyo 103-0002 (JP).

(74) **NAKAJIMA, Jun et al.** / etc.; TAIYO, NAKAJIMA & KATO, Seventh Floor, HK-Shinjuku Bldg., 3-17, Shinjuku 4-chome, Shinjuku-ku, Tokyo 160-0022 (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)⁷ A61L 9/01, F24C 15/00, 14/02, B01D 53/86, C09D 1/00

(11) **WO 2004/087223** (13) A1

(21) PCT/EP2004/003185

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) de (26) de

(30) 103 14 513.3 **31 Mar/mar 2003 DE (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CATALYST SYSTEM FOR REMOVAL OF ODOURS

- SYSTEME CATALYSEUR POUR SUPPRIMER LES ODEURS

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

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

(72, 75) **COPITZKY, Thomas** [DE/DE]; Leonrodstr. 5, 83278 Traunstein (DE). **JÖRDENS, Frank** [DE/DE]; Gamskogelstr. 2, 83278 Traunstein (DE). **SALOMON, Jürgen** [DE/DE]; Jägerstr. 25, 83308 Trostberg (DE). **SCHMIDMAYER, Gerhard** [DE/DE]; Dorfstr. 25, 83093 Bad Endorf (DE).

(74) **BSH BOSCH UND SIEMENS HAUSGERÄTE 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 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).

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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)⁷ A61L 9/01, A62B 18/08

(11) WO 2004/087224 (13) A1

(21) PCT/JP2004/004375

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-092199 28 Mar/mar 2003 JP (28.03.2003)

(30) 2004-013324 21 Jan/jan 2004 JP (21.01.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF REMOVING HAZARDOUS SUBSTANCE, AND HAZARDOUS SUBSTANCE REMOVING MATERIAL USING THE SAME SUCH AS AIR CLEANING FILTER, MASK AND WIPING SHEET, AND METHOD OF STORING THE SAME

• PROCEDE D'ELIMINATION DE SUBSTANCE NOCIVE, ET MATERIAU D'ELIMINATION DE SUBSTANCE NOCIVE METTANT EN OEUVRE UN TEL PROCEDE TELS QU'UN FILTRE D'EPURATION D'AIR, UN MASQUE OU UN TORCHON, ET SON PROCEDE DE STOCKAGE

(71) DAIKIN INDUSTRIES LTD. [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).

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

(72, 75) OZAWA, satoshiARAI, Jun-ichiro

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ A61L 9/12, 9/01, 9/012, 9/04, A01M 1/20, A45D 34/00, 34/02, A61K 7/00, 7/46, C11D 3/50, F24F 3/12

(11) WO 2004/087225 (13) A1

(21) PCT/GB2004/001346

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 0307767.4 4 Apr/avr 2003 GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AIR MODIFYING AGENT DISPENSER

• DISTRIBUTEUR D'AGENT DE MODIFICATION D'AIR

(71) ROBERT MCBRIDE LIMITED [GB/GB]; Middleton Way, Middleton, Manchester M24 4DP (GB).

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

(72, 75) PICKERING, John, Daniel, Robert [GB/GB]; 25 John Street, Tiverton, Devon EX16 5JP (GB). PAYNE, John, Stanley [GB/GB]; 121 Greenfields, Earith, Cambridgeshire PE28 3QZ (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 UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ A61L 15/00, D06M 15/61, 13/513, C07F 7/18, C08G 73/04

(11) WO 2004/087226 (13) A1

(21) PCT/SE2004/000519

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0301019-6 4 Apr/avr 2003 SE (04.04.2003)

(30) 0301408-1 14 May/mai 2003 SE (14.05.2003)

(30) 0400038-6 9 Jan/jan 2004 SE (09.01.2004)

(30) 0400073-3 14 Jan/jan 2004 SE (14.01.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN ANTIMICROBIAL SUBSTRATE, A METHOD AND A COMPOSITION FOR PRODUCING IT

• SUBSTRAT ANTIMICROBIEN, PROCEDE ET COMPOSITION POUR LA PRODUCTION DE CE SUBSTRAT

(71) APPEARTEX AB [SE/SE]; Stena Center ID, S-412 92 Göteborg (SE).

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

(72, 75) SCHÖNEMYR, Lars [SE/SE]; Bäverfågsgatan 3, S-412 73 Göteborg (SE). OLOFSSON, Ann-Cathrin [SE/SE]; Linnégatan 62, S-413 08 Göteborg (SE). PERSSON, Daniel [SE/SE]; Munkebäcksgatan 14C, S-416 53 Göteborg (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).

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)⁷ A61L 15/22, 15/32, 24/10, 24/04, 26/00, 31/04

(11) WO 2004/087227 (13) A1

(21) PCT/GB2004/001464

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307765.8 4 Apr/avr 2003 GB (04.04.2003)

(30) 0317447.1 25 Jul/juil 2003 GB (25.07.2003)

(30) 0318871.1 12 Aug/août 2003 GB (12.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TISSUE-ADHESIVE FORMULATIONS
• FORMULATIONS POUR ADHESIFS TISSULAIRES

(71) TISSUEMED LIMITED [GB/GB]; 5 Killingbeck Drive, Leeds LS14 6UF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FORTUNE, David, Harry [GB/GB]; Tissuemed Limited, 5 Killingbeck Drive, Leeds LS14 6UF (GB). KETTLEWELL, Graeme [GB/GB]; Tissuemed Limited, 5 Killingbeck Drive, Leeds LS14 6UF (GB). MANDLEY, David, John [GB/GB]; Tissuemed Limited, 5 Killingbeck Drive, Leeds LS14 6UF (GB). THOMPSON, Ian [GB/GB]; Tissuemed Limited, 5 Killingbeck Drive, Leeds LS14 6UF (GB). COOK, Diane [GB/GB]; Tissuemed Limited, 5 Killingbeck Drive, Leeds LS14 6UF (GB).

(74) JONES, Stephen, Anthony; Adamson Jones, Broadway Business Centre, 32a Stoney Street, Nottingham NG1 1LL (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)

(u) for / pour US only / seulement

(51)⁷ A61L 15/24, 24/04, 27/16, 29/04, 31/06, C08F 20/28, G02C 7/04

(11) WO 2004/087228 (13) A1

(21) PCT/JP2004/004295

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-091281 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-327180 19 Sep/sep 2003 JP (19.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POLYMERS EXHIBITING BOTH BIO-COMPATIBILITY AND TEMPERATURE RESPONSE

• POLYMERES PRESENTANT UNE BIO-COMPATIBILITE ET UNE REPONSE THERMIQUE

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 3320012 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TANAKA, Masaru [JP/JP]; 10-301, Kita 23-jo Nishi 13-chome, Kita-ku, Sapporo-shi, Hokkaido 0010023 (JP). IDO, Naoko [JP/JP]; 2-29, Hachiken 5-jo Higashi 1-chome, Nishi-ku, Sapporo-shi, Hokkaido 0630865 (JP). SHIMOMURA, Masatsugu [JP/JP]; 9-1, Atsubetsu Kita 1-jo 1-chome, Atsubetsu-ku, Sapporo-shi, Hokkaido 0040071 (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)⁷ A61L 24/00

(11) WO 2004/087229 (13) A2

(21) PCT/GB2004/001509

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0307834.2 4 Apr/avr 2003 GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BONE CEMENT COMPOSITIONS

• COMPOSITION DE CIMENT ORTHOPEDIQUE

(71) TA CONTRAST AB [SE/SE]; Lybska Vägen 10, SE-23940 Falsterbo (SE). (for all designated States except / pour tous les États désignés sauf US)

(71) COCKBAIN, Julian [GB/GB]; 42 Southmoor Road, Oxford OX2 6RD (GB). (only for / seulement pour GB)

(72, 75) ALMEN, Torsten [SE/SE]; TA Contrast AB, Lybska vägen 10, SE-23940 Falsterbo (SE). KLAVENESS, JO [NO/NO]; TA Contrast AB, Lybska Vägen 10, SE-23940 Falsterbo (SE). BRUDELI, Bjarne [NO/NO]; TA Contrast AB, Lybska Vägen 10, SE-23940 Falsterbo (SE).

(74) COCKBAIN, Julian et al. / etc.; 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)⁷ A61L 27/38

(11) WO 2004/087230 (13) A1

(21) PCT/DE2004/000648

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 15 930.4 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE VASCULARIZATION OF ARTIFICIAL CELL CULTURE CARRIERS

• PROCEDE POUR VASCULARISER DES SUPPORTS DE CULTURES CELLULAIRES ARTIFICIELS

(71) INSTITUT FÜR POLYMERFORSCHUNG DRESDEN E.V. [DE/DE]; Hohe Strasse 6, 01069 Dresden (DE).

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

(72, 75) POMPE, Tilo [DE/DE]; Hans-Sachs-Strasse 54, 01129 Dresden (DE). MARKOWSKI, Manuela [DE/DE]; Hauptstrasse 64, 01768 Glashütte (DE). WERNER, Carsten [DE/DE]; Hübnerstrasse 13, 01069 Dresden (DE).

(74) SPERLING, Thomas et al. / etc.; Patentanwälte Dr. Heyner & Dr. Sperling, Niederwaldstrasse 27, 01277 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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(25) en (26) en

(30) 0307751.8 3 Apr/avr 2003 GB (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SELF-ALIGNING TISSUE GROWTH GUIDE

• GUIDE DE CROISSANCE TISSULAIRE A ALIGNEMENT AUTOMATIQUE

(71) UCL BIOMEDICA PLC [GB/GB]; Brook House, 2-16 Torrington Place, London, Greater London WC1E 7HN (GB).

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

(72, 75) PHILLIPS, James [GB/GB]; University College London, Tissue Repair & Engineering Centre, First Floor, Charles Bell House,

- 67-73 Riding House Street, London Greater London W1W 7EJ (GB). **BROWN, Robert** [GB/GB]; University College London, Institute of Orthopaedics and Musculoskeletal Science, Royal National Orthopaedic Hospital Campus, Brockley Hill, Stanmore, Middlesex HA7 4LP (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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61L 31/00**
- (11) **WO 2004/087233** (13) A2
- (21) PCT/US2004/009448
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/459,060 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ENZYME SLEEVE
• MANCHON POUR ENZYMES
- (71) **GI DYNAMICS, INC.** [US/US]; 150 California Street, Newton, MA 02458 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEVINE, Andy, H.** [US/US]; 1105 Walnut Street, Newton, MA 02461 (US).
MEADE, John, C. [US/US]; 85 Millville Road, Mendon, MA 01756 (US).
- (74) **SMITH, James, M.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61L 27/40, 27/54**
- (11) **WO 2004/087232** (13) A1
- (21) PCT/JP2004/004494
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) ja (26) ja
- (30) 2003-094398 **31 Mar/mar 2003 JP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MOLDED ELASTIN ARTICLE AND PROCESS FOR PRODUCING THE SAME
• ARTICLE EN ELASTINE MOULE ET SON PROCEDE DE PRODUCTION
- (71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **MIYAMOTO, Keiichi** [JP/JP]; c/o Department of Chemistry for Materials, Faculty of Engineering, Mie University, 1515, Kamihama-cho, Tsu-shi, MIE 514-0008 (JP).
- (72, 75) **KITAZONO, Eiichi** [JP/JP]; c/o Tokyo Research Center, Teijin Limited, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). **MIYOSHI, Takanori** [JP/JP]; c/o Iwakuni Research Center, Teijin Limited, 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 740-0014 (JP). **KANEKO, Hiroaki** [JP/JP]; c/o Tokyo Research Center, Teijin Limited, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). **SUMI, Yoshihiko** [JP/JP]; c/o Tokyo Research Center, Teijin Limited, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). **HIRATA, Hitoshi** [JP/JP]; c/o Department of Orthopedic Surgery, Faculty of Medicine, Mie University, 2-174, Edobashi, Tsu-shi, MIE 514-0001 (JP).
- (74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61L 31/10, 31/16**
- (11) **WO 2004/087234** (13) A1
- (21) PCT/IB2003/001958
- (22) **22 May/mai 2003 (22.05.2003)**
- (25) it (26) en
- (30) PCT/IB03/01232 **4 Apr/avr 2003 IB (04.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • VASCULAR STENT
• TUTEUR VASCULAIRE
- (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) **TARENGHI, Anna** et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 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 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)⁷ **A61M**
- (11) **WO 2004/087235** (13) A2
- (21) PCT/US2004/009445
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/458,854 **27 Mar/mar 2003 US (27.03.2003)**
- (30) 60/478,035 **11 Jun/juin 2003 US (11.06.2003)**
- (30) 60/490,082 **24 Jul/juil 2003 US (24.07.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHODS AND APPARATUS FOR TREATMENT OF PATENT FORAMEN OVALE
• PROCEDES ET APPAREIL POUR LE TRAITEMENT DE FORAMEN OVALE PERMEABLE
- (71) **CIERRA, INC.** [US/US]; 199 Jefferson Drive, Menlo Park, CA 94025-1114 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GIFFORD III, Hanson, S.** [US/US]; 3180 Woodside Road, Woodside, CA 94062 (US). **DEEM, Mark, E.** [US/US]; 685 Sierra Avenue, Mountain View, CA 94041 (US). **MALECKI, William** [US/US]; 510 Clayton Street, San Francisco, CA 94117 (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).
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(51)⁷ A61M

(11) WO 2004/087236 (13) A2

(21) PCT/US2004/009455

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,813 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEDICAL DEVICE AND RELATED METHODS
• DISPOSITIFS MEDICAUX ET PROCEDES ASSOCIES(63) US 60/458,813 (CON)
28 Mar/mar 2003 (28.03.2003)(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALLACE, Michael, J. [—/US] (US).

(74) GARRETT, Mark, T.; Fulbright & Jaworski, LLP, Suite 2400, 600 Congress Avenue, 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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61M

(11) WO 2004/087237 (13) A2

(21) PCT/US2004/009534

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/458,151 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPLANTABLE MEDICATION DELIVERY DEVICE USING PRESSURE REGULATOR
• DISPOSITIF IMPLANTABLE DE DISTRIBUTION DE MEDICAMENT FAISANT INTERVENIR UN REGULATEUR DE PRESSION(71) MEDICAL RESEARCH PRODUCTS-A, INC. [US/US]; 12744 San Fernando Road, Sylmar, CA 91392 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) LEBEL, Ronald, J. [US/US]; 14625 Lacota Place, Sherman Oaks, CA 91403 (US).
DAS, Stephen, D. [US/US]; 7 Dakota Ridge Place, The Woodlands, TX 77566 (US).

(74) FREILICH, Arthur; Freilich, Hornbaker & Rosen, 9045 Corbin Avenue, Suite 260, Northridge, CA 91324 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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
(u) for / pour US only / seulement(51)⁷ A61M 1/36, A61N 1/362, 1/39

(11) WO 2004/087238 (13) A1

(21) PCT/SE2004/000289

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 0300919-8 31 Mar/mar 2003 SE
(31.03.2003)(30) 60/458,394 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE IN CONNECTION WITH PRESSURE MEASUREMENT
• PROCEDE ET DISPOSITIF ASSOCIES A UNE MESURE DE PRESSION(71) RADI MEDICAL SYSTEMS AB [SE/SE]; Palmbladsgatan 10, S- 754 50 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SVANERUDH, Johan [SE/SE]; Eva Lagerwallsväg 26, S-756 43 Uppsala (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 17192, S-104 62 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61M 5/142

(11) WO 2004/087239 (13) A1

(21) PCT/JP2004/003286

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-095140 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LIQUID TRANSPORT PUMP DEVICE
• DISPOSITIF POMPE DE TRANSPORT DE LIQUIDE

(71) FUJI ELECTRIC F-TECH CO., LTD [JP/JP]; 5-45, Minami 1-chome, Fukiage-machi, Kitaadachi-gun, Saitama 3690192 (JP). TOP CORPORATION [JP/JP]; 19-10, Senjunakai-cho, Adachi-ku, Tokyo 1200035 (JP).

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

(72, 75) ICHINOKAWA, Mitsuhiro [JP/JP]; c/o Fuji Electric F-Tech Co., Ltd, 5-45, Minami 1-chome, Fukiage-machi, Kitaadachi-gun, Saitama 3690192 (JP). NAGASHIMA, Tomio [JP/JP]; c/o Fuji Electric F-Tech Co., Ltd, 5-45, Minami 1-chome, Fukiage-machi, Kitaadachi-gun, Saitama 3690192 (JP). KONNO, Kazushi [JP/JP]; c/o Fuji Electric F-Tech Co., Ltd, 5-45, Minami 1-chome, Fukiage-machi, Kitaadachi-gun, Saitama 3690192 (JP). HIRAIWA, Akira [JP/JP]; c/o Fuji Electric F-Tech Co., Ltd, 5-45, Minami 1-chome, Fukiage-machi, Kitaadachi-gun, Saitama 3690192 (JP). KOBAYASHI, Susumu [JP/JP]; c/o TOP Corporation, 19-10, Senjunakai-cho, Adachi-ku, Tokyo 1200035 (JP). OSHIMA, Hiroshi [JP/JP]; c/o TOP Corporation, 19-10, Senjunakai-cho, Adachi-ku, Tokyo 1200035 (JP).

(74) YAMAGUCHI, Iwao et al. / etc.; c/o Yamaguchi International Patent Office, 3-2, Higashigotanda 2-chome, Shinagawa-ku, Tokyo 1410022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)⁷ A61M 5/158, 5/142, A61F 13/02

(11) WO 2004/087240 (13) A1

(21) PCT/DK2004/000221

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) PA 2003 00495 1 Apr/avr 2003 DK
(01.04.2003)

(30) 10/404,340 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN INFUSION DEVICE AND AN ADHESIVE SHEET MATERIAL AND A RELEASE LINER

• DISPOSITIF DE PERFUSION, MATIERE DE FEUILLE ADHESIVE ET COUCHE DE PROTECTION

(71) UNOMEDICAL A/S [DK/DK]; Engmosen 1, DK-3540 Lyngby (DK).

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

(72, 75) NIELSEN, Jens, Egebjerg [DK/DK]; Englerupvej 86, DK-4100 Ringsted (DK).

(74) ZACCO DENMARK A/S; Hans Bekkevolds Allé 7, 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).

(51)⁷ A61M 5/172

(11) WO 2004/087241 (13) A1

(21) PCT/US2004/009396

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/396,638 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS TO PREVENT MEDICATION ERROR IN A NETWORKED INFUSION SYSTEM

• PROCEDE ET APPAREIL DESTINES A EMPECHER UNE ERREUR D'UTILISATION DE MEDICAMENTS DANS UN SYSTEME DE PERFUSION EN RESEAU

(71) BAXTER INTERNATIONAL INC. [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

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

(72, 75) BONDERUD, David [—/US]; 22294 W. Brookside Way, Lake Barrington, IL 60010 (US). BUI, Tuan [—/US]; 14436 Greenfield Court, Green Oaks, IL 60048 (US).

(74) KOWALIK, Francis, 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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 0303657 25 Mar/mar 2003 FR
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR PROTECTION OF THE NEEDLE FOR A SYRINGE AND INJECTION DEVICE COMPRISING A SYRINGE AND SAID PROTECTION DEVICE

• DISPOSITIF DE PROTECTION D'AIGUILLE DESTINE A UNE SERINGUE, ET DISPOSITIF D'INJECTION COMPRENANT UNE SERINGUE ET CE DISPOSITIF DE PROTECTION.

(71) SEDAT [FR/FR]; 135, Route Neuve, F-69540 IRIGNY (FR).

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

(72, 75) PESSIN, Olivier [FR/FR]; 19, chemin des Mouilles, F-69290 GREZIEU LA VARENNE (FR).

(74) BLOT, Philippe et al. / etc.; CABINET LAVOIX, 2, Place d'Estienne d'Orves, F-75441 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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(11) WO 2004/087243 (13) A1

(21) PCT/JP2003/003852

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POWDER MEDICINE APPLICATOR FOR NASAL CAVITY

• APPLICATEUR DE MEDICAMENT EN POUDRE POUR CAVITE NASALE

(71) BIOACTIS LIMITED [JP/JP]; 6F, Toho Twin Tower Build., 5-2, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo 100-0006 (JP).

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(72, 75) TSUTSUI, Tatsuo [JP/JP]; 9-8, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).

(74) SAWANO, Katsufumi et al. / etc.; Sawano & Associates, Co-op Olympia 211, 35-3, Jingumae 6-chome, Shibuya-ku, Tokyo 150-0001 (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 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)⁷ A61M 16/01

(11) WO 2004/087244 (13) A1

(21) PCT/SE2004/000480

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0300918-0 31 Mar/mar 2003 SE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM, COMPONENT AND METHOD FOR DISTRIBUTION OF ANAESTHETICS WITH LOW BOILING POINT, WHERE A PRESSURE CONTROLLED VALVE OPENS THE ANAESTHETIC LIQUID CONTAINER

• SYSTEME, COMPOSANT ET PROCEDE DE DISTRIBUTION DE PRODUITS ANESTHESIANTS A POINT BAS D'EBULLITION, VALVE A PRESION CONTROLEE OUVRANT LE CONTENANT DE LIQUIDE ANESTHESANT

(71) HUDSON RCI AB [SE/SE]; Box 711, S-194 27 Upplands Väsby (SE).

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(72, 75) LAMBERT, Hans [SE/SE]; Odengatan 43, S-113 51 Stockholm (SE).

(74) KARLSSON, Leif et al. / etc.; Groth & Co. KB, Box 6107, S-102 32 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)

(u) for / pour US only / seulement

(51)⁷ A61M 16/14, A61K 31/045, 9/00

(11) WO 2004/087245 (13) A1

(21) PCT/GB2004/001440

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307876.3 4 Apr/avr 2003 GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OXYGEN INHALATION APPARATUS AND METHOD

• APPAREIL ET PROCEDE POUR INHALER DE L'OXYGENE

(71, 72) SIMLER, Dominic [GB/GB]; 25 Gainsborough Studios North, 1 Poole Street, London N1 5EB (GB).

(74) LAMB, Martin, John, Carstairs; Marks & Clerk, 57-60 Lincoln's Inn Fields, London WC2A 3LS (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)⁷ A61M 21/02

(11) WO 2004/087246 (13) A1

(21) PCT/AU2004/000348

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 2003901669 1 Apr/avr 2003 AU (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ALTERED STATES OF CONSCIOUSNESS IN VIRTUAL REALITY ENVIRONMENTS

• PROCEDE POUR INDUIRE DES ETATS DE CONSCIENCE MODIFIES DANS DES ENVIRONNEMENTS DE REALITE VIRTUELLE

(71, 72) CARBIS, Colin, Richard [AU/AU]; 16 Halwyn Crescent, West Preston, Melbourne, VIC 3072 (AU). MASTROPAOLO, Joseph, John [AU/AU]; 12 Chicquita Place, Mill Park, Melbourne, VIC 3082 (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)⁷ A61M 25/00

(11) WO 2004/087247 (13) A2

(21) PCT/US2004/008899

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,345 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IV CATHETER AND NEEDLE ASSEMBLY AND METHOD

• CATHETER ET ENSEMBLE AIGUILLE ET PROCEDE ASSOCIE

(71) BECTON, DICKINSON AND COMPANY [US/US]; 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

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(72, 75) MOULTON, William, G. [US/US]; 3026 West 7050 South, West Jordan, UT 84084 (US).

(74) MURTHA, James, J.; 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61M 25/00

(11) WO 2004/087248 (13) A1

(21) PCT/US2004/009022

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/397,502 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SELF-RETAINING STENT

• STENT A RETENTION AUTONOME

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

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(72, 75) DEAL, Travis [US/US]; Route 1, Box 315, Freedom, IN 47431 (US).

(74) COOLEY GODWARD LLP; Att: 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).

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(51)⁷ A61M 25/00

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(25) en (26) en

(30) 60/458,616 28 Mar/mar 2003 US (28.03.2003)

(30) 60/469,112 9 May/mai 2003 US (09.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED BRAIDED MESH CATHETER

• CATHETER AMELIORE A MAILLES TRESSEES

(71) C.R. BARD, INC. [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

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

(72, 75) BROWN, Charles, E., III [US/US]; 36 14th Avenue, Haverhill, MA 01830 (US). CHIAVETTA, Amedeo [US/US]; 1 Don Mac Drive, Derry, NH 03038 (US). KOZEL, Peter, D. [US/US]; 519 Bedford Street, Concord, MA 01742 (US). LAMSER, Dennis [US/US]; 60 Pleasant Street, Arlington, MA 02476 (US). THERRIAULT, Glenn [US/US]; 226 Bishop Street, Attleboro, MA 02703 (US).

(74) MORRIS, James, H.; 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)⁷ A61M 25/02

(11) WO 2004/087250 (13) A1

(21) PCT/FR2004/000560

(22) 9 Mar/mar 2004 (09.03.2004)

(25) fr (26) fr

(30) 03/03350 19 Mar/mar 2003 FR (19.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR FIXING A CATHETER TO THE BODY OF A PATIENT

• DISPOSITIF DE FIXATION AU CORPS D'UN PATIENT D'UN CATHETER

(71, 72) NAVARRO, Francis [FR/FR]; 19, Rue Frédéric Peysson, F-34000 Montpellier (FR). LE BOZEC, Jacques [FR/FR]; Le Grand Village, F-35500 La Chapelle Erbrée (FR).

(74) THINAT, Michel; Cabinet Weinstein, 56A, rue du Faubourg Saint-Hororé, 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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(51)⁷ A61M 31/00, A61F 2/06

(11) WO 2004/087251 (13) A1

(21) PCT/US2004/009604

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,906 28 Mar/mar 2003 US (28.03.2003)

(30) 10/810,241 26 Mar/mar 2004 US (26.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPLANTABLE MEDICAL DEVICE AND METHOD FOR IN SITU SELECTIVE MODULATION OF AGENT DELIVERY

• DISPOSITIF MEDICAL IMPLANTABLE ET PROCÉDE DE MODULATION SELECTIVE <I>IN SITU</I> DE L'ADMINISTRATION D'UN AGENT

(71) CONOR MEDSYSTEMS, INC. [US/US]; 1003 Hamilton Court, Menlo Park, CA 94025 (US).

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(72, 75) SHANLEY, John, F. [US/US]; 217 Yarrowborough Lane, Redwood City, CA 94061 (US). PARKER, Theodore, J. [US/US]; 634 Dunhill Place, Danville, CA 94506 (US). EIGLER, Neal, L. [US/US]; 459 Surfview Drive, Pacific Palisades, CA 90272 (US).

(74) LYNCH, Cindy, A.; Conor Medsystems, Inc., 1003 Hamilton Court, 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ A61N

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(25) ru (26) ru

(30) 2003108800 1 Apr/avr 2003 RU (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CURING PYOINFLAMMATORY PROCESSES IN SOFT TISSUES AND INTERNAL ORGANS WITH THE AID OF LASER RADIATION AND A DEVICE FOR CARRYING OUT SAID METHOD.

• METHODE DE TRAITEMENT D'INFLAMMATIONS PURULENTES DANS DES TISSUS MOUS ET DES ORGANES INTERNES FAISANT APPEL A UN RAYONNEMENT LASER ET DISPOSITIF DE MISE EN OEUVRE DE CETTE METHODE

(71) MEZHREGIONALNY OBSCHESTVENNY FOND PODDERZHKI UCHENYKH "NAUCHNAYA PERSEKTIVA" [RU/RU]; ul. B. Serpukhovskaya, 31-9-267a, Moscow, 113093 (RU).

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(71, 72) NOCHEVNIK, Mikhail Naumovich [RU/RU]; ul. Mitinskaya, 21-1-142, Moscow, 123625 (RU). STRELTSOV, Viktor Petrovich [RU/RU]; Perovskoe shosse, 16/2-78, Moscow, 109202 (RU). RIVSHIN,

Mikhail Maxovich [RU/RU]; ul. B. Serpukhovskaya, 31-9-267, Moscow, 113093 (RU). SEMENOV, Gennady Ivanovich [RU/RU]; ul. Kievskaya, 24-141, Moscow, 121165 (RU). SIROTKIN, Anatoly Andreevich [RU/RU]; ul. Novopredelkinskaya, 9-143, Moscow, 119633 (RU).

(72, 75) PERELMAN, Mikhail Izrailovich [RU/RU]; ul. Bakinskikh Komissarov, 26-11-63, Moscow, 117571 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC 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)⁷ A61N

(11) WO 2004/087253 (13) A2

(21) PCT/US2004/009118

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/397,976 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RF ELECTRODE ASSEMBLY FOR HANDPIECE

• ENSEMBLE ELECTRODE RF POUR EMBOUT A MAIN

(71) THERMAGE, INC. [US/US]; 4058 Point Eden Way, Hayward, CA 94545 (US).

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(72, 75) LEVINSON, Mitch [US/US]; 7924 Spyglass Court, Pleasanton, CA 94588 (US). WEBER, Bryan [US/US]; 2612 Tahoe Drive, Livermore, CA 94550 (US). STERN, Roger, A. [US/US]; 10418 Palo Vista Road, Cupertino, CA 95014 (US).

(74) DAVIS, Paul; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

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

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

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ A61N
- (11) WO 2004/087254 (13) A2
- (21) PCT/US2004/009904
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 10/402,528 28 Mar/mar 2003 US
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • RESIDUAL MAP SEGMENTATION METHOD FOR MULTI-LEAF COLLIMATOR-INTENSITY MODULATED RADIOTHERAPY
- PROCEDE DE SEGMENTATION D'UNE CARTE RESIDUELLE DESTINE A UNE RADIOTHERAPIE D'INTENSITE MODULEE PAR DIAPHRAGME A LAMELLES MULTIPLES
- (71) UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL [US/US]; 308 Bynum Hall, Campus Box 4105, Chapel Hill, NC 27599-4105 (US).
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- (72, 75) CHANG, Sha [US/US]; 108 Boulder Lane, Chapel Hill, NC 27514 (US).
- (74) HUNT, Gregory, A.; Jenkins, Wilson & Taylor, P.A., Suite 1400 University Tower, 3100 University Drive, Durham, NC 27707 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ A61N 1/00
- (11) WO 2004/087255 (13) A1
- (21) PCT/KR2003/001034
- (22) 27 May/mai 2003 (27.05.2003)
- (25) ko (26) en
- (30) 10-2003-0020084 31 Mar/mar 2003 KR
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • APPARATUS AND METHOD FOR CREATING PULSE MAGNETIC STIMULATION HAVING MODULATION FUNCTION
- APPAREIL ET PROCEDE POUR CREER UNE STIMULATION MAGNETIQUE IMPULSIONNELLE DOTEE D'UNE FONCTION DE MODULATION
- (71, 72) MO, Seung-Kee [KR/KR]; Woonjeong Bldg., 261-1 Yangjae-dong, Seocho-gu, 137-130 Seoul (KR).
- (74) LEE, Kyeong-Ran; 502 BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (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).
- (51)⁷ A61N 1/08, 1/36, 1/05, 1/378, A61B 5/11
- (11) WO 2004/087256 (13) A1
- (21) PCT/IB2004/001023
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 60/460,275 2 Apr/avr 2003 US
(02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • IMPLANTABLE NERVE SIGNAL SENSING AND STIMULATION DEVICE FOR TREATING FOOT DROP AND OTHER NEUROLOGICAL DISORDERS
- DISPOSITIF IMPLANTABLE DE DETECTION ET DE STIMULATION DE SIGNAUX NERVEUX, POUR LE TRAITEMENT DU PIED TOMBANT AINSI QUE D'AUTRES TROUBLES NEUROLOGIQUES
- (71) NEUROSTREAM TECHNOLOGIES INC. [CA/CA]; 2099 Lougheed Highway, Suite 301, Port Coquitlam, British Columbia V3B 1A8 (CA).
- (72) FASSIO, Marcelo, D., Baru; 159-15236 36th Avenue, Surrey, B.C., V3S 2B3 (CA).
HOFFER, Joaquin, A.; 241 Strong Road, Anmore, B.C., V5A 1C1 (CA).
CALDERON, Enrie; 215-7082 Inlet Drive, Burnaby, B.C., V4W 2W1 (CA).
JENNE, Gary, B.; 25941 26th Avenue, Aldergrove, B.C., V4W 2W1 (CA).
CALDERON, Albert; Fabra i Puig 299-A4, E-08031 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)⁷ A61N 1/36, A61B 5/04
- (11) WO 2004/087258 (13) A1
- (21) PCT/DK2004/000223
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) PA 2003 00500 1 Apr/avr 2003 DK
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OF AND APPARATUS FOR MONITORING OF MUSCLE ACTIVITY
- METHODE ET APPAREIL DE SURVEILLANCE DE L'ACTIVITE MUSCULAIRE
- (71, 72) JADIDI, Faramarz [DK/DK]; Bavnegårdsvej 57, Kolt, DK-8361 Hasselager (DK).
- (74) PATENTGRUPPEN APS; Arosgaarden, Aaboulevard 31, 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).
- (51)⁷ **A61P 25/02, A61K 45/00, G01N 33/53,
A61K 31/13, 31/662**
- (11) **WO 2004/087259** (13) A2
- (21) PCT/IB2004/000980
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) en (26) en
- (30) 60/459,479 **1 Apr/avr 2003 US
(01.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **PHARMACEUTICAL COMPOSITION
EFFECTIVE IN TREATMENT OF ME-
CHANICAL ALLODYNIA, SCREEN-
ING METHOD OF POTENTIAL COM-
POUND AS SAID PHARMACEUTI-
CAL COMPOSITION, INSPECTION
METHOD OF MECHANICAL ALLO-
DYNIA, AND TREATMENT METHOD
OF MECHANICAL ALLODYNIA**
- **COMPOSITION PHARMACEUTIQUE
EFFICACE POUR TRAITER L'ALLO-
DYNIE MECANIQUE, PROCEDE DE
TRIAGE D'UN COMPOSE POTEN-
TIEL A UTILISER DANS LADITE
COMPOSITION PHARMACEUTIQUE,
METHODE D'INSPECTION ET DE
TRAITEMENT DE L'ALLODYNIE ME-
CANIQUE**
- (71) **PFIZER JAPAN, INC.** [JP/JP]; Shin-
juku Bunka Quint Bldg., 3-22-7, Yoyogi,
Shibuya-ku, Tokyo 151-8589 (JP). **PFIZER
INC.** [—/US]; 235 East 42nd Street, New
York, NY 10017 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **HIZUE, Masanori** [JP/JP]; Pfizer
Global Research and Development, Nagoya,
Pfizer Japan Inc., Aza 5-gochi, Take-
toyo-cho, Chita-gun, Aichi-ken 470-2393
(JP). **YOKOYAMA, Masayuki** [JP/JP];
Pfizer Global Research and Development,
Nagoya, Pfizer Japan Inc., Aza 5-gochi, Take-
toyo-cho, Chita-gun, Aichi-ken 470-2393
(JP).
- (74) **LUMB, J., Trevor et al.** / etc.; c/o Wood,
David, J., Pfizer Global Research and De-
velopment, Ramsgate Road, Sandwich, Kent
CT13 9NJ (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)⁷ **A62C 27/00, B60P 3/00, B62D 33/04**
- (11) **WO 2004/087261** (13) A1
- (21) PCT/ES2003/000149
- (22) **2 Apr/avr 2003 (02.04.2003)**
- (25) es (26) es
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **EMERGENCY TRUCK**
• **CAMION POUR URGENCES**
- (71) **ARETXABALETA AYO, M^a, Josefa**
[ES/ES]; Aldayetas, 4 1^o. Dcha., 48950 AS-
TRABUDUA-ERANDIO (ES).
- (71, 72) **MENDOZA TREVILLA, Angel**
[ES/ES]; Aldayetas, 4 1^o. Dcha., 48950
ASTRABUDUA-ERANDIO (ES).
- (74) **ESTEBAN PEREZ-SERRANO, M^a, Is-
abel**; Explanada 8, 28040 MADRID (ES).
- (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)⁷ **A63B**
- (11) **WO 2004/087262** (13) A2
- (21) PCT/IB2004/001427
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 0307614.8 **2 Apr/avr 2003 GB
(02.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **EXERCISE EQUIPMENT**
• **APPAREIL D'EXERCICE**
- (71) **BMR RESEARCH & DEVELOPMENT
LIMITED** [IE/IE]; BMR House, Parkmore
Park West, Galway (IE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **MINOGUE, Conor** [IE/IE]; Croshua,
Kinvara, Co. Galway (IE). **FITZGERALD,
Michael** [IE/IE]; 34 Long Walk, Galway
(IE). **CROWE, Louis** [IE/IE]; 37 St. Finbars
Terrace, Galway (IE).
- (74) **MURNANE, Graham**; Murgitroyd & Com-
pany, Scotland House, 165-169 Scotland
Street, Glasgow G5 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)⁷ **A63B 22/14**
- (11) **WO 2004/087263** (13) A1
- (21) PCT/KR2004/000696
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) ko (26) en
- (30) 20-2003-0010175 **3 Apr/avr 2003 KR
(03.04.2003)**
- (30) 10-2003-0047252 **11 Jul/juil 2003 KR
(11.07.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **TWIST MACHINE FOR WHOLE BODY
EXERCISE**
• **APPAREIL A TORSION POUR MUSCU-
LATION DE L'ENSEMBLE DU CORPS**
- (71, 72) **CHAE, Hee-Seon** [KR/KR]; Shin-
donga Apt. 26-1106, Banghak-3-Dong,
Dobong-Gu, Seoul 132-762 (KR).
- (74) **HWANG, Eui-Chang**; Vniel B/D 2F.,
1362-9, Seocho-Dong, Seocho-Gu, Seoul
137-070 (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)⁷ **A62B 17/04**
- (11) **WO 2004/087260** (13) A1
- (21) PCT/US2004/009087

(51)⁷ A63B 23/04, 21/068, 22/00

(11) WO 2004/087264 (13) A1

(21) PCT/IB2004/000787

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) P-200300755 1 Apr/avr 2003 ES
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR DOING PHYSICAL EXERCISES

• DISPOSITIF PERMETTANT DE PRATIQUER DES EXERCICES PHYSIQUES

(71) PROTECTIVE COMFORT GROUP, S.L. [ES/ES]; Polígono Carrús, Calle del Aguila 15, E-03291 Elche (ES).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) REQUENA PENAT, Marcos [ES/ES]; Urbanización La Almajada, Calle del Aguila 15, E-03110 Muchamiel (ES). GUTIERREZ DE CABIEDES HIDALGO DE CABIEDES, Eduardo [ES/ES]; Avda. Barañain, 2, 6^o B, E-31011 Pamplona (ES). VILLAR LAGUNA, Rafael [ES/ES]; Vial Flora de España, 12, 3^oA, E-03016 Alicante (ES). GONZALEZ LOYOLA, Daniel [ES/ES]; Calle Camí Fondó, 2, Esc. 14 7^oA, E-03560 El Campello (ES). CABEDO SERNA, Ricard [ES/ES]; Avda. Abufereta, 45, E-03016 Alicante (ES).

(74) PONTI SALES, Adelaida et al. / etc.; Oficina Ponti, S.L., C. de Condell de Cent 322, E-08007 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ A63B 37/04

(11) WO 2004/087265 (13) A1

(21) PCT/JP2004/003960

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-097285 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTI-PIECE GOLF BALL, METHOD OF MANUFACTURING THE SAME, AND MOLDING DIE USED FOR MANUFACTURING THE SAME

• BALLE DE GOLF COMPRENANT DES PARTIES MULTIPLES, METHODE DE FABRICATION DE CELLE-CI ET MATRICE DE MOULAGE UTILISE POUR SA FABRICATION

(71, 72) NINOMIYA, Norikazu [JP/JP]; 3-2-27-1304, Edobori, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP). ONODA, Kenji [JP/JP]; 100-79, Gojono-cho, Kashihara-shi, Nara 634-0043 (JP). OGAWA, Masao [JP/JP]; Park Avenue Nagai 407, 3-4-16, Nagainishi, Sumiyoshi-ku, Osaka-shi, Osaka 558-0002 (JP). NAKA, Yuri [JP/JP]; 1-4-19, Ikuno, Katano-shi, Osaka 576-0054 (JP).

(74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

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

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

(51)⁷ A63B 69/00, A63C 19/10, B63B 35/79

(11) WO 2004/087266 (13) A1

(21) PCT/AT2004/000109

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) A 495/03 31 Mar/mar 2003 AT
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GLIDING DEVICE FOR SURFBOARDS
• DISPOSITIF DE GLISSEMENT POUR PLANCHE DE SURF

(71, 72) UNTERWEGGER, Walter [AT/AT]; Stollenweg 3, A-9020 Klagenfurt (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)⁷ A63B 69/36

(11) WO 2004/087267 (13) A1

(21) PCT/KR2004/000428

(22) 27 Feb/fév 2004 (27.02.2004)

(25) ko (26) en

(30) 10-2003-0020390 1 Apr/avr 2003 KR
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SLOPE CONTROLLABLE FOOT PLATE FOR GOLF SWING PRACTICE APPARATUS

• PLAQUE POUR PIED A INCLINAISON COMMANDABLE POUR APPAREIL DE PRATIQUE DU SWING DE GOLF

(71) GOLFZON CO., LTD [KR/KR]; 6103, Hi-Tech Venture Center, 373-1, Kusong-dong, Yusong-gu, Daejeon 305-701 (KR).

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

(72, 75) KIM, Wonil [KR/KR]; 212-210, Jungong Apt., Gopo-dong, Kangnam-gu, Seoul 135-240 (KR).

(74) KIM, Young-Gil; Yuwha Bldg., 49-2, Banpo-dong, Seocho-gu, Seoul 137-040 (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ A63B 69/36

(11) WO 2004/087268 (13) A1

(21) PCT/KR2004/000724

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 20-2003-0010088 3 Apr/avr 2003 KR
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INDOOR GOLF PRACTICE AND GAME APPARATUS

• APPAREIL D'ENTRAÎNEMENT ET DE PARTIE DE GOLF EN SALLE

(71, 72) LEE, Hyun Tae [KR/KR]; 193-161 Guk-Dong, Yeosu-City, Jeonranam-Do 550-180 (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)⁷ A63C 11/02

(11) WO 2004/087269 (13) A1

(21) PCT/GB2004/001282

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0307317.8 29 Mar/mar 2003 GB (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SKI AND / OR BOARD CARRIAGE ASSEMBLY

• ENSEMBLE DE TRANSPORT DE SKIS ET/OU PLANCHES

(71) PORTA-SKI LTD [GB/GB]; Silverthorpe Farm, Braithwell Road, Ravenfield, Rotherham S65 4LP (GB).

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

(72, 75) SYKES, John [GB/GB]; Farnley House, Manor Road, Farnley Tyas, Huddersfield, HD4 6UL (GB).

(74) BAILEY WALSH & CO.; 5 York Place, Leeds LS1 2SD (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)⁷ A63C 17/06, 17/22

(11) WO 2004/087270 (13) A1

(21) PCT/EP2004/002448

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) PN2003U000009 4 Apr/avr 2003 IT (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IN-LINE ROLLER-SKATE, PARTICULARLY FOR RACING

• PATIN A ROULETTES ALIGNEES, CONÇU EN PARTICULIER POUR LA COURSE

(71) M.G.M. SpA [IT/IT]; Via Trento e Trieste 112/C, IT-31050 Cavasagra di Veduggio, Treviso (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAMPIERI, Claudio [IT/IT]; Via San Francesco 17, I-35019 Tombolo, Padova (IT).

(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)⁷ A63F 9/24

(11) WO 2004/087271 (13) A1

(21) PCT/US2004/008912

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/397,054 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MAGICAL WAND AND INTERACTIVE PLAY EXPERIENCE

• BAGUETTE MAGIQUE ET EXPERIENCE DE JEU INTERACTIF

(63) US 10/397,054 (CON) 25 Mar/mar 2003 (25.03.2003)

(71) CREATIVE KINGDOMS, LLC [US/US]; 195 Walden Way, Wakefield, RI 02879 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARNEY, Jonathan [US/US]; 312 Signal Road, Newport Beach, CA 92663 (US).
WESTON, Denise [US/US]; 195 Walden Way, Wakefield, RI 02879 (US).

(74) ALTMAN, Daniel, E.; 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 UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A63F 13/00, 13/12, G06F 17/60, G09F 19/00

(11) WO 2004/087272 (13) A1

(21) PCT/JP2003/011070

(22) 29 Aug/août 2003 (29.08.2003)

(25) ja (26) ja

(30) 2003-96500 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HOME GAME MACHINE, HOME GAME MACHINE CONTROL METHOD AND PROGRAM

• MACHINE DE JEU A DOMICILE, PROCEDE ET PROGRAMME DE COMMANDE DE MACHINE DE JEU A DOMICILE

(71) KONAMI CORPORATION [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (JP).

(72) AOKI, Jun; c/o Konami Corporation, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-6330 (JP).

(74) HARUKA PATENT & TRADEMARK ATTORNEYS; 9F., Eiko Building, 4-16, Shinjuku 2-chome, Shinjuku-ku, Tokyo 160-0022 (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 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)⁷ A63F 13/00, 13/06

(11) WO 2004/087273 (13) A1

(21) PCT/JP2004/003064

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-090216 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROTATION STRUCTURE OF OPERATING MEMBER FOR GAME MACHINE, AND VIDEO GAME DEVICE

- STRUCTURE DE ROTATION D'UN ELEMENT DE FONCTIONNEMENT DE MACHINE DE JEU ET DE DISPOSITIF DE JEU VIDEO
- (71) **KONAMI CORPORATION** [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006330 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAMITSU, Hirofumi** [JP/JP]; c/o Konami Corporation, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006330 (JP).
TAMURA, Yuji [JP/JP]; c/o Konami Corporation, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006330 (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)⁷ **A63H**
- (11) **WO 2004/087274** (13) A2
- (21) PCT/US2004/009260
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 60/457,835 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **FOOD DISPENSING INTERLOCKING ANIMAL TOY SYSTEM**
• SYSTEME DE JOUET D'INTERVERROUILLAGE ET DE DISTRIBUTION DE NOURRITURE DESTINE A DES ANIMAUX
- (71, 72) **SHATOFF, Alise** [US/US]; 3037 Eagle Street, San Diego, CA 92103 (US).
HAAKANSSON, Birte [DK/US]; 3037 Eagle Street, San Diego, CA 92103 (US).
- (74) **EASTMAN, Gary, L.**; Eastman & Associates, 707 Broadway Street, Suite 1800, 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).

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

- (51)⁷ **A63H 18/02, A63F 9/14, A63H 17/18, 17/39, 18/06, 30/04, 17/06, 17/26**
- (11) **WO 2004/087275** (13) A1
- (21) PCT/JP2004/004066
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) ja (26) ja
- (30) 2003-092957 **28 Mar/mar 2003 JP (28.03.2003)**
- (30) 2004-001492 **6 Jan/jan 2004 JP (06.01.2004)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **GAME TOY DEVICE USING REMOTE-CONTROLLED TRAVELING TOY, REMOTE-CONTROLLED TRAVELING TOY, AND GAME BOARD**
• DISPOSITIF DE JEU UTILISANT UN JOUET TELECOMMANDE, JOUET TELECOMMANDE ET PLATEAU DE JEU
- (71) **KONAMI CORPORATION** [JP/JP]; 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006330 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TORIYAMA, Ryosuke** [JP/JP]; c/o Konami Corporation, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006330 (JP).
HAYASHI, Ryoji [JP/JP]; c/o Konami Corporation, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006330 (JP).
UMENO, Makoto [JP/JP]; c/o Konami Corporation, 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1006330 (JP).
- (74) **NISHIURA, Tsuguharu**; Nishiura & Associates, Toranomon 34 MT Building 9F, 25-5, 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)⁷ **A63H 30/04, 3/00**
- (11) **WO 2004/087276** (13) A1
- (21) PCT/EP2003/003389
- (22) **1 Apr/avr 2003 (01.04.2003)**
- (25) de (26) de
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **FUNCTION-CONTROLLABLE ARTICLE OF PRACTICAL USE**
• OBJET UTILITAIRE A FONCTIONS COMMANDEES
- (71, 72) **BROKAMP, Bernward** [DE/DE]; Kindermannstrasse 1, 80637 München (DE).
DABRUNZ, Dirk [DE/DE]; Fontanestrasse 31, 12049 Berlin (DE).

- (74) **SCHNEIDER, Günther, M.**; Bettinger Schneider Schramm, Postfach 860267, 81629 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 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)⁷ **A63H 33/08**
- (11) **WO 2004/087277** (13) A2
- (21) PCT/CH2004/000198
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 03405229.0 **4 Apr/avr 2003 EP (04.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **TOY BUILDING BLOCK**
• CUBE POUR JEUX DE CONSTRUCTION
- (71) **GRICHTING, Wilfried** [CH/CH]; Zum Wildbach, 3954 Leukerbad (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROLF, Theodor, Suibertus Anthonius** [NL/CH]; Al Ponte - Ø1, 3954 Leukerbad (CH).
- (74) **AMMANN PATENT ATTORNEYS LTD. BERNE**; Schwarztorstrasse 31, P.O.Box, 3001 Bern (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

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- (51)⁷ **A63H 33/10**
- (11) **WO 2004/087278** (13) A1
- (21) PCT/RU2003/000588
- (22) **26 Dec/déc 2003 (26.12.2003)**
- (25) ru (26) ru
- (30) 2003109164 **1 Apr/avr 2003 RU (01.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)

- (54) • ERECTOR SET
• JEU DE CONSTRUCTION
- (71, 72) **OSYATINSKY, Dmitry Leonidovich** [RU/RU]; ul. Khersonskaya, 22-77, Gendzhik, Krasnodarsky kray, 353470 (RU).
- (72, 75) **ZAKHAROV, Sergey Mikhailovich** [RU/RU]; ul., Kavkazskaya, 8, Aderbievka, Krasnodarsky kray, 353493 (RU).
- (74) **OBSCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU TSENTR INNOVATSIY I RAZVITIYA "INNOTEC"**; B. Semenovskaya, 49-404, Moscow, 107023 (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 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 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)⁷ **A63K**
- (11) **WO 2004/087279** (13) A2
- (21) PCT/FR2004/000602
- (22) **12 Mar/mar 2004 (12.03.2004)**
- (25) fr (26) fr
- (30) 03/03781 **27 Mar/mar 2003** FR (27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PORTABLE MEASURING DEVICE FOR USE IN SPORT
• INSTRUMENT DE MESURE PORTATIF, NOTAMMENT POUR LA PRACTIQUE SPORTIVE
- (71) **AKTIEBOLAGET SKF** [SE/SE]; S-415 50 Göteborg (SE).
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- (72, 75) **LANDRIEVE, Franck** [FR/FR]; La Butte, F-37230 Fondettes (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 EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ **B01D**(11) **WO 2004/087280** (13) A2

(21) PCT/EG2004/000010

(22) **20 Mar/mar 2004 (20.03.2004)**

(25) en (26) en

(30) 2003030295 **29 Mar/mar 2003** EG (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • FLYING CEMENT COLLECTION AND REUSING (CEMENT FILTER)
• COLLECTE ET REUTILISATION DE PARTICULES VOLANTES DE CIMENT (FILTRE A CIMENT)

(71, 72) **MOWAD, Farid, Fahim** [EG/EG]; 6th B Bahst Badia St. (Saudia Building), Shobra 11241, Cairo (EG).

(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 EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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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Declarations / Déclarations :

(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ **B01D**(11) **WO 2004/087281** (13) A2

(21) PCT/US2004/010163

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 60/459,028 **31 Mar/mar 2003** US (31.03.2003)(30) 60/501,734 **9 Sep/sep 2003** US (09.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • IMPLEMENTATION OF MICROFLUIDIC COMPONENTS, INCLUDING MOLECULAR FRACTIONATION DEVICES, IN A MICROFLUIDIC SYSTEM
• MISE EN PLACE DE COMPOSANTS MICROFLUIDIQUES, Y COMPRIS DE DISPOSITIFS DE FRACTIONNEMENT MOLECULAIRE, DANS UN SYSTEME MICROFLUIDIQUE

(71) **CYTONOME, INC.** [US/US]; 84 Rosedale Road, Watertown, MA 02472 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GILBERT, John, R.** [US/US]; 69 Naples Road, Brookline, MA 02446 (US).
DESHPANDE, Manish [US/US]; 34 Apple Blossom Way, Canton, MA 02021 (US).
TRIKHA, Jaishree [IN/US]; 25 Helene Road, Waban, MA 02468 (US).

(74) **LAURENTANO, Anthony, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ **B01D**(11) **WO 2004/087282** (13) A2

(21) PCT/US2004/009401

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/457,206 **25 Mar/mar 2003** US (25.03.2003)(30) 60/464,489 **22 Apr/avr 2003** US (22.04.2003)(30) 60/500,399 **5 Sep/sep 2003** US (05.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • GREASE REMOVAL SYSTEM
• SYSTEME DE DEGRAISSAGE

(71) **ZURN INDUSTRIES, INC.** [US/US]; P.O. Box 13801, 1801 Pittsburgh Avenue, Erie, PA 16514-3801 (US).
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(72, 75) **NICOLIA, Carl, R.** [US/US]; 5223 Clinton Street, Erie, PA 16509 (US).
TRIPODI, Joseph [US/US]; 633 Tyndall Avenue, Erie, PA 16511 (US).
WROBLEWSKI, Douglas, R. [US/US]; 10855 May Road, Wattsburg, PA 16442 (US).
BURNHAM, Robert, Joseph, Starn [US/US]; 21994 State Highway 18, Conneautville, PA 16406 (US).

(74) **REZNICK, Paul, M.** et al. / etc.; Webb Ziesenheim Logsdon, Orkin & Hanson, PC, 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (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 EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ **B01D 11/00**(11) **WO 2004/087283** (13) A1

(21) PCT/US2004/009451

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/457,451 **25 Mar/mar 2003** US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLUID SEPARATION

• SEPARATION DE FLUIDES

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
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(72, 75) GUENTHER, Axel [US/US]; 21 Lewis Street, Somerville, MA 02143 (US).
JENSEN, Klavs, F. [—/US]; 103 Outlook Drive, Lexington, MA 02421 (US).
JHUNJHUNWALA, Manish [—/US]; 305 Memorial Drive, Cambridge, MA 02139 (US).
SCHMIDT, Martin, A. [—/US]; 78 Ashley Place, Reading, MA 01867 (US).

(74) GORDON, Dana, M. et al. / etc.; Patent Group, Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210-2698 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ B01D 15/08, C07C 277/18, C08G 85/00, C07C 299/06

(11) WO 2004/087284 (13) A1

(21) PCT/SE2004/000502

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0301011-3 4 Apr/avr 2003 SE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PREPARATION OF A METAL CHELATING SEPARATION MEDIUM

• PREPARATION D'UN MILIEU DE SEPARATION DE CHELATION DES METAUX

(71) AMERSHAM BIOSCIENCES AB [SE/SE]; Björkgatan 30, S-751 84 Uppsala (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDERSSON, Lars, C. [SE/SE]; Amersham Biosciences AB, Björkgatan 30, S-751 84 Uppsala (SE).
GEBRU, Tesfai [SE/SE]; Amersham Biosciences AB, Björkgatan 30, S-751 84 Uppsala (SE).
AHMAD, Tania [SE/SE]; Amersham Biosciences AB, Björkgatan 30, S-751 84 Uppsala (SE).
CLACHAN, John [GB/SE]; Amersham Biosciences AB, Björkgatan 30, S-751 84 Uppsala (SE).
AXÉN, Andreas [SE/SE]; Björkgatan 30, S-751 84 Uppsala (SE).

(74) AMERSHAM BIOSCIENCES AB et al. / etc.; Patents Department, Björkgatan 30, S-751 84 Uppsala (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)⁷ B01D 15/08, G01N 30/60, B01L 3/00

(11) WO 2004/087285 (13) A1

(21) PCT/SE2004/000506

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0300975-0 3 Apr/avr 2003 SE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CHROMATOGRAPHIC SEPARATION OF SUBSTANCES CONTAINED IN A LIQUID SAMPLE

• SEPARATION CHROMATOGRAPHIQUE DE SUBSTANCES CONTENUES DANS UN ECHANTILLON DE LIQUIDE

(71) PROTISTA BIOTECHNOLOGY AB [SE/SE]; Box 86, S-267 22 Bjuv (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATTIASSEN, Bo [SE/SE]; Trädgårdsmästaren 26, S-245 62 Hjärrup (SE).
GALAEV, Igor, Yu [SE/SE]; Flygelvägen 88, S-224 72 Lund (SE).
HATTI KAUL, Rajni [SE/SE]; Draparvägen 23, S-224 74 Lund (SE).

(74) FOGELBERG, Lennart; Allied Attorneys Chemical Ab, Box 24107, S-104 51 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)⁷ B01D 17/022, B01J 20/26, 20/28, B01D 17/04, 17/00, 17/12, 17/025

(11) WO 2004/087286 (13) A1

(21) PCT/CA2003/000468

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR OIL WATER SEPARATION

• PROCEDE ET APPAREIL DE SEPARATION D'HUILE ET D'EAU

(71) SEPARATECH CANADA INC. [CA/CA]; 221 St-Sacrement, Montreal, Québec H2Y 1X2 (CA).

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

(72, 75) BENACHENHOU, Amine [CA/CA]; 9409, rue de Marseille, Montreal, Québec H1L 1T4 (CA).

(74) MURPHY, Kevin, P. et al. / etc.; 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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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(22) 1 Apr/avr 2004 (01.04.2004)

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(30) 595/03 3 Apr/avr 2003 CH (03.04.2003)

(30) 2075/03 5 Dec/déc 2003 CH (05.12.2003)

(30) 468/04 18 Mar/mar 2004 CH (18.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FILTER FOR THE PURIFICATION OF LIQUIDS

• FILTRE PURIFICATEUR DE FLUIDES

(71) HUDER, Lucienne [CH/CH]; Postfach 77, CH-6317 Oberwil (CH).

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

(72, 75) HUDER, Marcel, Max [CH/CH]; Alpenblick 5, CH-6330 Cham (CH).

(74) FALK, Urs; Patentanwaltsbuero Dr. Urs Falk, Eichholzweg 9A, CH-6312 Steinhausen (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)⁷ B01D 29/90

(11) WO 2004/087288 (13) A2

(21) PCT/FR2004/000703

(22) 23 Mar/mar 2004 (23.03.2004)

(25) fr (26) fr

(30) 03/03801 26 Mar/mar 2003 FR (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR FILTERING WATER OF A SWIMMING POOL WITH AT LEAST ONE FILTERING BAG

• DISPOSITIF DE FILTRATION DE L'EAU D'UN BASSIN DE PISCINE AU MOYEN D'AU MOINS UNE POCHE FILTRANTE

(71) PISCINES DESJOYAUX SA [FR/FR]; La Gouyonnière, F-42480 La Fouillouse (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) DESJOYAUX, Jean-Louis [FR/FR]; Ensemble 47, La Bertrandière, F-42580 L'Etrat (FR). DESJOYAUX, Pierre-Louis [FR/FR]; La Portière, F-42480 La Fouillouse (FR). JANDROS, Catherine [FR/FR]; Le Maniquet, F-42580 L'Etrat (FR).

(74) THIVILLIER, Patrick et al. / etc.; Cabinet Laurent & Charras, 3, place de l'Hôtel de Ville, B.P. 203, F-42005 Saint Etienne 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)⁷ B01D 33/067, 33/11

(11) WO 2004/087289 (13) A1

(21) PCT/EP2004/003446

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 16 173.2 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR REMOVING FINE SCREENED MATERIAL FROM A LIQUID

• DISPOSITIF PERMETTANT DE RETIRER UN PRODUIT DE FILTRAGE D'UN LIQUIDE

(71) HANS HUBER AG MASCHINEN- UND ANLAGENBAU [DE/DE]; Mariahilfstrasse 3-5, 92334 Berching (DE).

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

(72, 75) FROMMANN, Christian [DE/DE]; Altenhofweg 21b, 92318 Neumarkt (DE).

(74) REHBERG+HÜPPE; Nikolausberger Weg 62, 37073 Göttingen (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)⁷ B01D 35/31, 35/30, F01M 11/03

(11) WO 2004/087290 (13) A1

(21) PCT/EP2004/003233

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) RE2003A000033 31 Mar/mar 2003 IT (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BASE FOR INTERNAL COMBUSTION ENGINE FILTER CARTRIDGE

• SOCLE POUR CARTOUCHE FILTRANTE DE MOTEUR THERMIQUE

(71) UFI FILTERS S.P.A. [IT/IT]; 26, Via Europa, I-46047 Porto Mantovano (IT).

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

(72, 75) GIRONDI, Giorgio [IT/IT]; 14, vicolo Carbone, I-46100 Mantova (IT).

(74) CORRADINI, Corrado et al. / etc.; 4, via Dante Alighieri, 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).

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)⁷ B01D 39/14, B01J 20/22

(11) WO 2004/087291 (13) A1

(21) PCT/JP2004/004281

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-90164 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL ANTIALLERGEN FILTER, PROCESS FOR PRODUCING THE SAME AND USE THEREOF

• NOUVEAU FILTRE ANTI-ALLERGENE, SON PROCEDE DE PRODUCTION ET SON UTILISATION

(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) INAGAKI, JunSUGA, Ryosuke-NAKAJIMA, TakahiroTERAMOTO, MitsuhiroSUZUKI, Taro

(74) SHIMIZU, Yoshihiro et al. / etc.; 3rd Floor, Yashiro Building, 14-4, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ B01D 39/16, 27/02

(11) WO 2004/087292 (13) A1

(21) PCT/GB2004/001259

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0307397.0 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FILTER FOR ABSORBING WATER

• FILTRE PERMETTANT L'ABSORPTION D'EAU

(71, 72) SELSDON, Leslie, Donald [GB/GB]; 41 Cumberland Court, Great Cumberland Place, Marble Arch, London W1H 7DQ (GB).

(74) JONES, Graham, Henry; Graham Jones & Company, 77 Beaconsfield Road, Blackheath, London SE3 7LG (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)⁷ B01D 39/16

(11) WO 2004/087293 (13) A1

(21) PCT/JP2004/004140

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-093483 31 Mar/mar 2003 JP (31.03.2003)

(30) 2003-115449 21 Apr/avr 2003 JP (21.04.2003)

(30) 2003-144414 22 May/mai 2003 JP (22.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FILTER MEDIUM

• MILIEU FILTRANT

(71) TORAY INDUSTRIES INC. [JP/JP]; 2-1, Nihonbashi-Muromachi 2-chome, Chuo-ku, Tokyo, 1038666 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMADA, Kenko [JP/JP]; 15-B4-16, Sonoyama 2-chome, Otsu-shi, Shiga, 5200842 (JP). NAGASE, Motoki [JP/JP]; 7-4, Ogaki 7-chome, Ritto-shi, Shiga, 5203024 (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)⁷ B01D 39/20, C04B 38/00

(11) WO 2004/087294 (13) A1

(21) PCT/JP2004/001464

(22) 12 Feb/fév 2004 (12.02.2004)

(25) ja (26) ja

(30) 2003-094860 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BASE FOR HONEYCOMB FILTER, METHOD FOR PRODUCING SAME AND HONEYCOMB FILTER

• BASE POUR FILTRE EN NID D'ABEILLE, PROCÉDE DE FABRICATION ET FILTRE EN NID D'ABEILLE

(71) NGK INSULATORS, LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 4678530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BABA, Tatsuo [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 4678530 (JP).

(74) WATANABE, Kazuhira; 3rd Fl., No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 1110053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ B01D 39/20, 46/00, F01N 3/02, C04B 38/00, B01J 35/04, B01D 53/86, B01J 32/00, B28B 3/20

(11) WO 2004/087295 (13) A1

(21) PCT/JP2004/002717

(22) 4 Mar/mar 2004 (04.03.2004)

(25) ja (26) ja

(30) 2003-090178 28 Mar/mar 2003 JP (28.03.2003)

(30) 2004-025767 2 Feb/fév 2004 JP (02.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HONEYCOMB STRUCTURE

• STRUCTURE EN NID-D'ABEILLES

(71) NGK INSULATORS LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUZUKI, Kyoko [JP/JP]; C/o Ngk Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP). MATSUMOTO, Keiji [JP/JP]; C/o Ngk Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP). SUENOBU, Hiroyuki [JP/JP]; C/o Ngk Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP).

(74) WATANABE, Kazuhira; 3rd Fl., No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo, 1110053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ B01D 45/00

(11) WO 2004/087296 (13) A2

(21) PCT/EP2004/003152

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 15 656.9 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR DEPOSITING AND/OR CONVEYING MATERIALS

• DISPOSITIF POUR SÉPARER ET/OU TRANSPORTER DES MATIÈRES

(71) HÖCKER POLYTECHNIK GMBH [DE/DE]; Borgloher Strasse 1, 49176 Hilter (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HÖCKER, Frank [DE/DE]; Friedrichstrasse 33, 49076 Osnabrück (DE).

(74) BUSSE, Dietrich et al. / etc.; Grosshandel-sring 6, 49084 Osnabrück (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)⁷ B01D 46/00, 39/20, F01N 3/02

(11) WO 2004/087297 (13) A1

(21) PCT/JP2004/003910

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-089840 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CERAMIC FILTER STRUCTURE

• STRUCTURE DE FILTRE CERAMIQUE

(71) NGK INSULATORS LTD. [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP).

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

(72, 75) **ICHIKAWA, Shuichi** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP). **MIZUTANI, Takashi** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi, 4678530 (JP).

(74) **WATANABE, Kazuhira**; 3rd Fl., No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo, 1110053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ B01D 46/52

(11) WO 2004/087298 (13) A2

(21) PCT/FR2004/050131

(22) 29 Mar/mar 2004 (29.03.2004)

(25) fr (26) fr

(30) 03/03777 27 Mar/mar 2003 FR (27.03.2003)

(30) 03/14317 5 Dec/déc 2003 FR (05.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR MAKING AN AIR FILTER DEVICE, AIR FILTER DEVICE, DEVICE FOR IMPLEMENTING THE METHOD AND AIRFLOW INSTALLATION IN A MOTOR VEHICLE

• PROCEDE DE FABRICATION D'UN DISPOSITIF DE FILTRATION D'AIR, DISPOSITIF DE FILTRATION D'AIR, DISPOSITIF POUR LA MISE EN OEUVRE DU PROCEDE ET INSTALLATION DE CIRCULATION D'AIR DANS UN VEHICULE AUTOMOBILE

(71) **VALEO MATERIAUX DE FRICTION** [FR/FR]; Rue Thimonier, F-87020 Limoges (FR).

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

(72, 75) **BAZIRET, Gérard** [FR/FR]; 4, rue Saint Mandé, F-61790 Saint Pierre du Regard (FR). **BIDOT, Johann** [FR/FR]; Rouge Douit, F-14770 Le Plessis Grimoult (FR). **BISSON, Laurent** [FR/FR]; 5, boulevard du 11 Novembre, F-14110 Conde sur Noireau (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)⁷ B01D 53/00

(11) WO 2004/087299 (13) A2

(21) PCT/US2004/010261

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,230 1 Apr/avr 2003 US (01.04.2003)

(30) 60/485,964 10 Jul/juil 2003 US (10.07.2003)

(30) 60/485,965 10 Jul/juil 2003 US (10.07.2003)

(30) 60/491,632 31 Jul/juil 2003 US (31.07.2003)

(30) 10/650,125 27 Aug/août 2003 US (27.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LIQUID ABSORPTOMETRY METHOD OF PROVIDING PRODUCT CONSISTENCY

• PROCEDE BASE SUR L'ABSORPTOMETRIE DE LIQUIDES, PERMETTANT DE CONFERER UNE CONSISTANCE A DES PRODUITS

(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) **MURPHY, Lawrence, J.** [US/US]; 29 Glenridge Drive, Bedford, MA 01730 (US). **REZNEK, Steven, R.** [US/US]; 781 Strawberry Hill Road, Concord, MA 01742 (US). **MORRISON, Ian, D.** [US/US]; 18 Prescott Road, Acton, MA 01720 (US). **BROWN, Steven, E.** [US/US]; 3 Joco Drive, Tyngsboro, MA 01879 (US).

(74) **FOLLETT, Robert, J.**; 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)⁷ B01D 53/047

(11) WO 2004/087300 (13) A1

(21) PCT/KR2004/000312

(22) 16 Feb/fév 2004 (16.02.2004)

(25) ko (26) en

(30) 10-2003-0010176 18 Feb/fév 2003 KR (18.02.2003)

(30) 10-2003-0010178 18 Feb/fév 2003 KR (18.02.2003)

(30) 10-2003-0028407 3 May/mai 2003 KR (03.05.2003)

(30) 10-2003-0029102 7 May/mai 2003 KR (07.05.2003)

(30) 10-2003-0051275 25 Jul/juil 2003 KR (25.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GAS CONCENTRATION METHOD AND ITS APPARATUS

• PROCEDE ET DISPOSITIF POUR CONCENTRER DU GAZ

(71) **JEJ CO., LTD.** [KR/KR]; Hyundai 41 Tower 807, 917-9 Mok 1-dong, Yangcheon-gu, Seoul 158-723 (KR). **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-Dong, Yongsungpo-Gu, Seoul 150-721 (KR).

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(72, 75) **LEE, Junbae** [KR/KR]; 933-19 Daechi 3-dong, Gangnam-gu, Seoul 135-283 (KR). **CHO, Seong-Moon** [KR/KR]; Kkummaeul APT 309-1004, Pyeongchon-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-070 (KR). **LEE, Don-Hee** [KR/KR]; Samik APT 1-1109, 572 Bisan 2-dong, Dongan-gu, Anyang-si, Gyeonggi-do 431-052 (KR).

(74) **LEE, Soo-Wan et al.** / etc.; 1901-ho, Keungil Tower 19F, 677-25, Yeoksam-dong, Gangnam-gu, Seoul 135-914 (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).

(51)⁷ B01D 53/50, 53/60

(11) WO 2004/087301 (13) A1

(21) PCT/IB2004/000928

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/460,680 4 Apr/avr 2003 US (04.04.2003)

(30) 10/779,474 13 Feb/fév 2004 US (13.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR BURNING SULFUR-CONTAINING FUELS

- PROCEDE DE COMBUSTION DE COMBUSTIBLES SOUFRES

(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 Cedex 07 (FR).

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(72) MARIN, Ovidiu; 1, rue de la Source, F-92210 St. Cloud (FR). PERRIN, Nicolas; 2735 N Wayne #1S, Chicago, IL 60614 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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)⁷ B01D 53/84, E03F 5/08

(11) WO 2004/087302 (13) A1

(21) PCT/DE2004/000430

(22) 5 Mar/mar 2004 (05.03.2004)

(25) de (26) de

(30) 103 14 748.9 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BIOFILTER SYSTEM AND METHOD FOR PURIFYING GASES ESCAPING FROM A GULLY HOLE

- DISPOSITIF A BIOFILTRE ET PROCEDE D'EPURATION DE GAZ S'ECHAPPANT D'UN REGARD D'EGOUT

(71) HARBORTH, Peter [DE/DE]; Unterdorf 26, 38104 Braunschweig (DE).

(72, 75) HANERT, Helmut [DE/DE]; Memeler Strasse 9, 38126 Braunschweig (DE). NIEBER, Matthias [DE/DE]; Knickstrasse 27a, 39245 Gommern (DE).

(74) LINS, Edgar; Gramm, Lins & Partner GbR, Theodor-Heuss-Str. 1, 38122 Braunschweig (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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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)⁷ B01D 57/02, B03C 5/00, G01N 33/53, C12N 15/00

(11) WO 2004/087303 (13) A1

(21) PCT/JP2003/015099

(22) 26 Nov/nov 2003 (26.11.2003)

(25) ja (26) ja

(30) 2003-92007 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TARGET DETECTING DEVICE AND TARGET CAPTURE, MOLECULE ADSORPTION/DESORPTION DEVICE AND MOLECULE ADSORPTION/DESORPTION METHOD, AND PROTEIN DETECTING DEVICE AND PROTEIN DETECTING METHOD

- DISPOSITIF DE DETECTION DE CIBLES ET ELEMENT DE CAPTURE DE CIBLES, DISPOSITIF ET PROCEDE D'ADSORPTION/DESORPTION DE MOLECULES ET DISPOSITIF ET PROCEDE DE DETECTION DE PROTEINES

(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) FUJIHARA, Tsuyoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). FUJITA, Shozo [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TAKEISHI, Shunsaku [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). ARINAGA, Kenji [JP/JP]; c/o FUJITSU

LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YAMAGUCHI, Yoshitaka [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TATSUYA, Usuki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) HIROTA, Koichi; HIROTA, NAGARE & ASSOCIATES, 8th Floor, Miyata Bldg., 1-38-2, Yoyogi, Shibuya-ku, Tokyo 151-0053 (JP).

(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).

(51)⁷ B01J

(11) WO 2004/087304 (13) A2

(21) PCT/US2004/009344

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,506 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HIGH PERFORMANCE FUEL PROCESSING SYSTEM FOR FUEL CELL POWER PLANT

- SYSTEME DE TRAITEMENT DE COMBUSTIBLE HAUTE PERFORMANCE POUR CENTRALE A PILES A COMBUSTIBLE

(71) UTC FUEL CELLS, LLC [US/US]; 195 Governor's Highway, South Windsor, CT 06074 (US).

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(72, 75) DARDAS, Zissis [US/US]; 35 Fourth Street, Worcester, MA 01602 (US). VANDERSPUR, Thomas Henry [US/US]; 133 Mountain View Road, Glastonbury, CT 06033 (US). GUPTA, Nikunj [US/US]; 124 Biruta Street, #A21, New Britain, CT 06053 (US). GHOSH, Shubhro [IN/US]; 345 Buckland Hills Drive, #17222, Manchester, CT 06040 (US). SHE, Ying [CN/US]; 45 Harley Drive #3, Worcester, MA 01606 (US).

(74) CRENSHAW, Henry, T., Jr.; Assistant IP counsel, UTC Fuel Cells, LLC, 195 Governor's Highway, South Windsor, CT 06074 (US).

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

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

(51)⁷ B01J 3/03, B22F 3/14, F16J 15/00

(11) WO 2004/087305 (13) A1

(21) PCT/SE2004/000520

(22) 2 Apr/avr 2004 (02.04.2004)

(25) sv (26) en

(30) 0300972-7 3 Apr/avr 2003 SE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEAL FOR ISOSTATIC PRESS
• JOINT POUR PRESSE ISOSTATIQUE

(71) FLOW HOLDINGS SAGL [CH/CH]; Via
Cantonale, CH-6805 Mezzovico (CH).
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les États désignés sauf US)

(72, 75) GRANQUIST, Håkan [SE/SE]; Kôpalla
102, S-733 91 Sala (SE).

(74) AWAPATENT AB; Box 45086, S-104 30
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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B01J 4/00

(11) WO 2004/087306 (13) A1

(21) PCT/JP2004/004279

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-090782 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MECHANISM AND METHOD OF DIS-
CHARGING SOLID OBJECT
• MECANISME ET PROCEDE POUR
EVACUER DES OBJETS SOLIDES

(71) SUNTORY LIMITED [JP/JP]; 1-40, Do-
jimahama 2-chome, Kita-ku, Osaka-shi, Os-
aka 530-8203 (JP).
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les États désignés sauf US)

(72, 75) YAMAMOTO, Seiichiro [JP/JP];
3-1-3-301, Kitamidorigaoka, Toyonaka-shi,
Osaka 560-0001 (JP). SANO, Hiroshi
[JP/JP]; 1132-2, Shimakamijo, Shik-
ishima-machi, Nakakoma-gun, Yamanashi
400-0123 (JP). KOBAYASHI, Shozo
[JP/JP]; 3969-26, Yanagisawa, Mukawa-
mura, Kitakoma-gun, Yamanashi 408-0307
(JP). SHIBUYA, Katsushi [JP/JP]; 4-21,
Kawaguchi, Nishiohgi, Yawata-shi, Kyoto
614-8117 (JP).

(74) SHAMOTO, Ichio et al. / etc.; Yuasa And
Hara, Section 206, New Ohtemachi Bldg.,

2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo
100-0004 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ B01J 13/02, 13/14, C08B 37/08, A61K
9/51, 9/14, C08L 5/08, 101/14

(11) WO 2004/087307 (13) A1

(21) PCT/RU2003/000159

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ru (26) ru

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CHITOSAN PRODUCT, METHOD FOR
THE PRODUCTION THEREOF, METH-
ODS FOR PRODUCING CHITOSAN
PRODUCT DERIVATIVES AND COM-
POSITIONS BASED THEREON

• PRODUIT A BASE DE CHITOSANE,
SON PROCEDE DE PREPARATION,
PROCEDE DE PREPARATION DE DE-
RIVES DUDIT PRODUIT A BASE DE
CHITOSANE ET COMPOSITIONS A
BASE DE CEUX-CI.

(71, 72) MAIER, Boris Olegovich [RU/RU]; ul.
Polevaya, 8/1-81, Novosibirsk, 630128 (RU).

(72, 75) KOMAROVA, Nina Ivanovna
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birsk, 630128 (RU).

(74) MAIER, Boris Olegovich; ul. Polevaya,
8/1-81, Novosibirsk, 630128 (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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP 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 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)⁷ B01J 19/00, G01N 33/543

(11) WO 2004/087308 (13) A1

(21) PCT/GB2004/001352

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0307428.3 31 Mar/mar 2003 GB
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF SYNTHESIS AND TEST-
ING OF COMBINATORIAL LIBRARIES
USING MICROCAPSULES

• METHODE DE SYNTHESE ET D'ESSAI
DE BIBLIOTHEQUES COMBINA-
TOIRES AU MOYEN DE MICROCAP-
SULES

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[GB/GB]; 20 Park Crescent, London W1B
1AL (GB).

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(74) MASCHIO, Antonio et al. / etc.; D Young &
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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).

Published / Publiée : (c)

(51)⁷ B01J 20/20, A24D 3/16

(11) WO 2004/087309 (13) A1

(21) PCT/IB2004/001323

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/404,440 2 Apr/avr 2003 US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ACTIVATED CARBON-CONTAINING
SORBENT
• SORBANT CONTENANT DU CHAR-
BON ACTIF

(71, 72) PHILIP, MORRIS, PRODUCTS, S.A.
[CH/CH]; Quai Jeanrenaud, 3, CH-2000
Neuchâtel (CH).
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les États désignés sauf US)

(72) ZHUANG, Shuzhong; 7601-B Be-
lasco Drive, Richmond, VA 23225 (US).
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23112 (US).

(74) MARLOW, N., S.; Reddie & Grose, 16
Theobalds Road, London WC1X 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)⁷ B01J 21/06, 21/16, 29/04, 27/18, C07D
213/00

(11) WO 2004/087310 (13) A1

(21) PCT/IN2003/000101

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TI-PILLARED CLAY BASED VAN-
DIA CATALYST AND PROCESS FOR
PREPARATION

• CATALYSEUR DE VANADIUM A
BASE D'ARGILE A PILIER DE TITANE
(TI) ET PROCEDE DE PREPARATION
DE CELUI-CI

(71) COUNCIL OF SCIENTIFIC AND IN-
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Marg, New Delhi 110 001 (IN).

(72) ROY, Shyam, Kishore; Central Fuel Re-
search Institute, P.O.F.R.I., Dhanbad, Jhark-
hand (IN). ROY, Subhash, Chandra; Cen-
tral Fuel Research Institute, P.O.F.R.I., Dhan-
bad, Jharkhand (IN). DUTTA, Pasupati;
Central Fuel Research Institute, P.O.F.R.I.,
Dhanbad, Jharkhand (IN). NANDI, Laxmi,
Narayan; Central Fuel Research Institute,
P.O.F.R.I., Dhanbad, Jharkhand (IN). YA-
DAV, Satya, Niketan; Central Fuel Research
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(IN).

(74) SUBRAMANIAM, Hariharan et al. / etc.;
Subramaniam, Nataraj & Associates, E-556
Greater Kailash II, New Delhi 110 048, Ma-
harashtra (IN).

(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 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).

(51)⁷ B01J 23/62, B01D 53/86, H01M 8/06

(11) WO 2004/087311 (13) A1

(21) PCT/US2004/008634

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/400,763 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CATALYSTS FOR THE LOW TEMPER-
ATURE OXIDATION OF METHANE

• CATALYSEUR POUR L'OXYDATION
DE METHANE A BASSE TEMPERA-
TURE

(63) US 10/400,763 (CON)
27 Mar/mar 2003 (27.03.2003)

(71) SUD-CHEMIE INC. [US/US]; 1600 West
Hill Street, IP/Legal Department, Louisville,
KY 40210 (US).

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les États désignés sauf US)

(72, 75) ZHONGYUAN, Dang [US/US]; 25L
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HUANG, Yinyan [US/US]; 12 Nancy Lane,
Framingham, MA 01701 (US). BAR-ILAN,
Amiram [US/US]; 79 University Road,
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(74) SIMUNIC, Joan; IP/Legal Department,
1600 West Hill Street, Louisville, KY 40210
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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 UZ VC VN
YU ZA ZM ZW.

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

(51)⁷ B01J 23/755, 37/08, 37/14, 37/18, C01B
3/38

(11) WO 2004/087312 (13) A1

(21) PCT/DE2004/000276

(22) 14 Feb/fév 2004 (14.02.2004)

(25) de (26) de

(30) 103 14 438.2 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR COATING A METALLIC
NICKEL-CONTAINING CARRIER MA-
TERIAL WITH A NICKEL CATALYST

• PROCEDE PERMETTANT DE FOR-
MER UN CATALYSEUR NICKEL SUR
UNE MATIERE DE SUPPORT METAL-
LIQUE CONTENANT DU NICKEL

(71) FORSCHUNGSZENTRUM JÜLICH
GMBH [DE/DE]; Wilhelm-Johnen-Strasse,
52425 Jülich (DE).

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les États désignés sauf US)

(72, 75) QUADAKKERS, Willem, J. [NL/NL];
Zinkenstraat 4A, NL-6363 EG Wijnandsrade
(NL).

(74) FORSCHUNGSZENTRUM JÜLICH
GMBH; Fachbereich Patente, Wil-
helm-Johnen-Strasse, 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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ B01J 23/78, 21/06, C10G 2/00

(11) WO 2004/087313 (13) A1

(21) PCT/IN2003/000117

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CATALYST FOR SYNTHESIS OF HY-
DROCARBONS FROM SYNTHESIS
GAS, PROCESS OF PREPARATION OF
CATALYST

• CATALYSEUR DESTINE A LA SYN-
THESE D'HYDROCARBURES A PAR-
TIR DE GAZ DE SYNTHÈSE ET PRO-
CEDE DE PREPARATION DE CE CA-
TALYSEUR

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).

(72) PANDULA, Samuel; Central Fuel Research
Institute, P.O.F.R.I., Dhanbad 828 108, Jhark-
hand (IN). MAITY, Sudip; Central Fuel
Research Institute, P.O.F.R.I., Dhanbad 828
108, Jharkhand (IN). DASANDHI, Yogesh,
Chandra; Central Fuel Research Institute,
P.O.F.R.I., Dhanbad 828 108, Jharkhand (IN).
MUKHERJEE, Somnath; Central Fuel Re-
search Institute, P.O.F.R.I., Dhanbad 828 108,
Jharkhand (IN). MAITRA, Sandip, Kumar;
Central Fuel Research Institute, P.O.F.R.I.,
Dhanbad 828 108, Jharkhand (IN).

(74) SUBRAMANIAM, Hariharan et al. / etc.;
Subramaniam, Nataraj & Associates, E-556,
Greater Kailash II, New Delhi 110 048 (IN).

(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 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).

(51)⁷ B01J 27/14, 27/18, C07C 120/02

(11) WO 2004/087314 (13) A1

(21) PCT/EP2004/003103

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 14 761.6 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM SUITABLE FOR THE HYDROCYANATION OF OLEFINICALLY UNSATURATED COMPOUNDS

• SYSTEME APPROPRIE COMME CATALYSEUR POUR L'HYDROCYANATION DE COMPOSES OLEFINIQUEMENT INSATURES

(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-Str. 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]; Magnoliaaan 19, B-2950 Kapelle (BE). LUYKEN, Hermann [DE/DE]; Brüsseler Ring 34, 67069 Ludwigshafen (DE). SCHEIDEL, Jens [DE/DE]; Büttemer Weg 12, 69493 Hirschberg (DE). SIEGEL, Wolfgang [DE/DE]; Goethestr. 34b, 67117 Limburgerhof (DE). MOLNAR, Ferenc [DE/DE]; Keplerstrasse 5, 67346 Speyer (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).

(51)⁷ B01J 29/70, 29/74, 37/03, C10G 45/64

(11) WO 2004/087315 (13) A1

(21) PCT/EP2004/003283

(22) 27 Mar/mar 2004 (27.03.2004)

(25) de (26) de

(30) 103 14 753.5 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYNTHETIC ZEOLITE, IN PARTICULAR FOR CATALYTIC HYDROISOMERIZATION OF HIGHER PARAFFINS

• ZEOLITE SYNTHETIQUE, EN PARTICULIER POUR L'HYDROISOMERISATION CATALYTIQUE DE PARAFFINES SUPERIEURES

(71) SÜD-CHEMIE AG [DE/DE]; Lenbachplatz 6, 80333 München (DE).
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(72, 75) BURGFELS, Götz [DE/DE]; Marienbader Strasse 13, 83043 Bad Aibling (DE). KURTH, Volker [DE/DE]; Eichenstr. 14, 83043 Bad Aibling (DE). REIMER, Alfred [DE/DE]; Jägerweg 2, 93437 Furth im Wald (DE). SCHMIDT, Friedrich [DE/DE]; Lug ins Land 52, 83024 Rosenheim (DE). WELLACH, Stephan [DE/DE]; Ahornweg 2, 85617 Assling (DE).

(74) WESTENDORP, M.; Splanemann Reitzner Baronetzky Westendorp, Rumfordstrasse 7, 80469 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)⁷ B01J 31/02, C08F 18/06, 18/04, 18/08, 18/10

(11) WO 2004/087316 (13) A1

(21) PCT/EP2004/003490

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 14 993.7 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRANSITION METAL CATALYSTS AND USE THEREOF FOR HOMOPOLYMERIZING VINYL ESTERS

• CATALYSEURS METALLIQUES DE TRANSITION ET LEUR UTILISATION POUR L'HOMOPOLYMERISATION D'ESTERS DE VINYLE

(71) CELANESE VENTURES GMBH [DE/DE]; 65926 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHULTE, Jörg, Ludwig [DE/DE]; Konrad-Brosswitz-Strasse 32, 60487 Frankfurt (DE). SCHOTTEK, Jörg [DE/DE]; Ginnheimerstrasse 39 d, 60487 Frankfurt (DE). DICKNER, Tim [DE/DE]; Solmsstrasse 77, 60486 Frankfurt (DE).

(74) DÖRR, Klaus et al. / etc.; Industriepark Höchst, Geb. F 821, 65926 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).

Published / Publiée : (c)

(51)⁷ B01J 31/28, 31/38, 31/22, C07C 67/347, 69/74, C07B 53/00

(11) WO 2004/087317 (13) A1

(21) PCT/JP2004/004185

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-093750 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICALLY ACTIVE COPPER CATALYST COMPOSITION

• COMPOSITION DE CATALYSEUR DE CUIVRE OPTIQUEMENT ACTIVE

(71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ITAGAKI, Makoto [JP/JP]; 1-16-3, Aoyama, Katano-shi, Osaka 576-0066 (JP).

(74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ B01J 35/00, 37/02, 37/03, 37/10

(11) WO 2004/087318 (13) A1

(21) PCT/EP2004/003220

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) PCT/EP03/03333 31 Mar/mar 2003 EP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING A PHOTOVOLTAIC DEVICE

• PROCEDE POUR LA PRODUCTION D'UN DISPOSITIF PHOTOVOLTAIQUE

(71) **PIRELLI & C. S.p.A.** [IT/IT]; Via Gaetano Negri, 10, I-20123 Milano (IT).
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(72, 75) **MARTINOTTO, Luca** [IT/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT). **PELIZZONI, Andrea** [IT/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT). **SIN, Xicola, Agustin** [ES/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

(74) **BOTTERO, Carlo** et al. / etc.; Pirelli & C. 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B01J 37/02

(11) WO 2004/087319 (13) A1

(21) PCT/EP2004/003497

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 215.6 3 Apr/avr 2003 DE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IN SITU RECOATING OF CATALYST BEDS

• REENDUCTION IN SITU DE GARNISSAGES CATALYTIQUES DE COLONNE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; ., 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SACHWEH, Bernd** [DE/DE]; Grossgasse 20a, 67149 Meckenheim (DE). **HUBER, Günther** [DE/DE]; Landauer Str. 8, 67117 Limburgerhof (DE). **DUDA, Mark** [DE/DE]; Pfarrer-Barth-Weg 11, 67071 Ludwigshafen (DE). **MATTHE, Torsten** [DE/DE]; Talweide 12, 67251 Freinsheim (DE). **OLBERT, Gerhard** [DE/DE]; Frankenweg 11, 69221 Dossenheim (DE).

(74) **HÖRSCHLER, Wolfram, J.**; 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)⁷ B01L

(11) WO 2004/087320 (13) A2

(21) PCT/US2004/009444

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,895 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLUID DISPENSING BINS AND RELATED METHODS

• BACS DISTRIBUTEURS DE FLUIDE ET PROCÉDES ASSOCIÉS

(71) **HYCLONE LABORATORIES, INC.** [US/US]; 925 West 1800 South, Logan, UT 84321 (US).

(72) **ELGAN, Gregory, P.**; 620 South 400 East, Providence, UT 84332 (US). **ALLRED, Brett, L.**; 427 South 250 East, Hyde Park, UT 84318 (US). **LARSEN, Jeremy, K.**; 327 North Hammond Lane, Providence, UT 84332 (US). **GRAETZ, Gary**; 209 South 100 West, Smithfield, UT 84335 (US). **AUSTIN, Jim**; 1401 South Walnut Street, Cleburne, TX 76003 (US).

(74) **TANGREN, Dana, L.** 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)⁷ B01L 3/00, G01N 27/447

(11) WO 2004/087321 (13) A1

(21) PCT/EP2004/003474

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 15 514.7 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MICROFLUIDIC DEVICE FOR THE CONTROLLED DIRECTING OF A FLUID INTO A DUCT

• DISPOSITIF MICROFLUIDIQUE SERVANT A L'INTRODUCTION COMMANDEE D'UN FLUIDE DANS UN CONDUIT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) **HERGENRÖDER, Roland** [DE/DE]; Immermannstr.35, 44147 Dortmund (DE). **JACOB, Peter** [DE/DE]; Scharnhorststr. 51, 44147 Dortmund (DE). **PFISTER, Markus** [DE/DE]; Schillerstr. 55, 76356 Weingarten (DE). **VOGT, Oliver** [DE/DE]; Buchenacker 43, 44269 Dortmund (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)⁷ B01L 3/00

(11) WO 2004/087322 (13) A2

(21) PCT/IB2004/050345

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03100892.3 4 Apr/avr 2003 EP (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLUID PARTITIONING IN MULTIPLE MICROCHANNELS

• SEPARATION DE FLUIDES DANS DES MICROCANAU MULTIPLES

(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) **PRINS, Menno, W., J.** [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)⁷ B01L 3/00, G01N 33/543, C12Q 1/68

(11) WO 2004/087323 (13) A1

(21) PCT/US2004/009304

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,911 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTI-ARRAY SYSTEMS AND
METHODS OF USE THEREOF

• SYSTEMES DE JEUX ORDONNES
D'ÉCHANTILLONS MULTIPLES
ET PROCÉDES D'UTILISATION DE
CEUX-CI

(71) MERGEN LTD. [US/US]; 14826 Wicks
Blvd., San Leandro, CA 94577 (US).

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les États désignés sauf US)*

(72, 75) HU, Qianjin [US/US]; 20499 Crow
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PENG, Allan [US/US]; 865 San Jude Ave-
nue, Palo Alto, CA 94306 (US). LOVE,
James, Robert, Jr. [US/US]; 1410 Millbrae
Avenue #203, Millbrae, CA 94030 (US).

(74) HAGER, Alicia, J. 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)⁷ B02C 21/02

(11) WO 2004/087324 (13) A1

(21) PCT/EP2004/002572

(22) 12 Mar/mar 2004 (12.03.2004)

(25) de (26) de

(30) 103 14 958.9 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMMUNUTION DEVICE

• DISPOSITIF DE BROyage

(71) THYSSENKRUPP FÖRDERTECHNIK
GMBH [DE/DE]; Altendorfer Strasse 120,
45143 Essen (DE).

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les États désignés sauf US)*

(72, 75) JABS, Thomas [DE/DE]; Heckenstrasse
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Frank [DE/DE]; Goosestrasse 1, 45355 Es-
sen (DE). HYSEK, Ivan [CZ/CA]; Unit 35,
10401, 19 Street S.W., Calgary, Alberta T2W
(CA).

(74) JOHN, Ernst; ThyssenKrupp Technologies
AG, Am Thyssenhaus 1, 45128 Essen (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)⁷ B03B 9/00, 5/72, 5/08, 5/26

(11) WO 2004/087325 (13) A2

(21) PCT/IB2004/050386

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003/2617 3 Apr/avr 2003 ZA
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEAVY PARTICLE SEPARATION

• SEPARATION DE PARTICULES
LOURDES

(71) IE-TEC LICENSING LIMITED
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(72, 75) BROSSEUK, Raymond, Brian
[CA/CA]; 1810 Maley Road, Revelstoke,
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HEIMER, Greig [ZA/US]; 2565 Broadway
123, New York, NY 10025 (US).

(74) D, M, KISCH, INC.; P.O. Box 781218, 2146
Sandton (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)⁷ B03B 11/00

(11) WO 2004/087326 (13) A1

(21) PCT/AU2004/000444

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 2003901615 4 Apr/avr 2003 AU
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OVERFLOW LAUNDER

• GOULOTTE DE TROP-PLEIN

(71) THE UNIVERSITY OF NEWCASTLE
RESEARCH ASSOCIATED LIMITED
[AU/AU]; Industry Development Centre,
University Drive, Callaghan, NSW 2308
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les États désignés sauf US)*

(72, 75) GALVIN, Kevin, Patrick [AU/AU];
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ciates Limited, Industry Development Cen-
tre, University Drive, Callaghan, NSW 2308
(AU). MUNRO, Maurice, Ross [AU/AU];
Ludowici Mineral Processing Equipment
P/L, 38 Ivedon Street, Banyo, QLD 4014
(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)⁷ B05B

(11) WO 2004/087327 (13) A2

(21) PCT/US2004/009577

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,946 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MODULAR AUTOMATIC SPRAY GUN
MANIFOLD

• RAMPE DE PISTOLET PULVERISA-
TEUR AUTOMATIQUE MODULAIRE

(71) SPRAYING SYSTEMS CO. [US/US];
North Avenue at Schmale Road, P.O. Box
7900, Wheaton, IL 60189-7900 (US).

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les États désignés sauf US)*

(72) HUFFMAN, David, C.; 60 Amherst Road,
Merrimack, NH 03054 (US).

(74) BAYS, Gregory, C. 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)⁷ **B05B 1/00, 1/28, 1/30, 7/04, 15/02**

(11) **WO 2004/087328** (13) A1

(21) PCT/US2004/009112

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/457,963 **27 Mar/mar 2003 US**
(**27.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MODULAR SPRAY GUN WITH MUL-
TIPLE CONTROL MODULES
• PISTOLET DE PULVERISATION MO-
DULAIRE A MODULES DE COM-
MANDE MULTIPLES

(71) **SPRAYING SYSTEMS CO.** [US/US];
North Avenue at Schmale Road, P.O. Box
7900, Wheaton, IL 60189-7900 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) **HUFFMAN, David, C.;** 60 Amherst Road,
Merrimack, NH 03054 (US).

(74) **BAYS, Gregory, C. 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).

Published / Publiée : (c)

(51)⁷ **B05B 1/04, F25C 3/04**

(11) **WO 2004/087329** (13) A1

(21) PCT/AU2004/000433

(22) **2 Mar/mar 2004 (02.03.2004)**

(25) en (26) en

(30) 2003901631 **3 Apr/avr 2003 AU**
(**03.04.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOZZLES
• BUSES

(71, 72) **DODSON, Mitchell, Joe** [US/AU]; Lot
4, Simmonds Creek Road, Tawonga South,
VIC 3698 (AU).

(74) **GRIFFITH HACK;** 509 St Kilda Road,
Melbourne, VIC 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)⁷ **B05B 7/00**

(11) **WO 2004/087330** (13) A1

(21) PCT/EP2004/002798

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) de (26) de

(30) 103 15 386.1 **4 Apr/avr 2003 DE**
(**04.04.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOZZLE FOR SPRAYING LIQUID
SUBSTANCES, DISPERSIONS, EMUL-
SIONS, OR SUSPENSIONS

• AJUTAGE SERVANT A PULVERI-
SER DES SUBSTANCES LIQUIDES,
DISPERSIONS, EMULSIONS OU SUS-
PENSIONS

(71) **GLATT INGENIEURTECHNIK GMBH**
[DE/DE]; Nordstrasse 12, 99427 Weimar
(DE).

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

(72, 75) **JACOB, Michael** [DE/DE]; Mar-
cel-Paul-Str. 146, 99427 Weimar (DE).
RÜMLER, Karlheinz [DE/DE]; Ly-
onel-Feininger-Strasse 9, 99425 Weimar
(DE). **WASKOW, Mike** [DE/DE]; Pfeiffer-
strasse 10, 99423 Weimar (DE).

(74) **MAUCHER, Wolfgang;** Dreikönigstrasse
13, 79102 Freiburg i. Br. (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)⁷ **B05B 7/14, B65G 53/52, 53/28**

(11) **WO 2004/087331** (13) A1

(21) PCT/EP2003/010857

(22) **1 Oct/oct 2003 (01.10.2003)**

(25) de (26) de

(30) 102 47 829.5 **14 Oct/oct 2002 DE**
(**14.10.2002**)

(30) 102 61 053.3 **24 Dec/déc 2002 DE**
(**24.12.2002**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR TRANS-
PORTING PULVERULENT MATERIAL
• PROCEDE ET DISPOSITIF DE TRANS-
PORT D'UNE MATIERE PULVERU-
LENTE

(71) **H. BÖRGER & CO. GMBH** [DE/DE];
Fritz-Strassmann Strasse 8, 25337 Elmshorn
(DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **KLEINEIDAM, Andreas** [DE/DE];
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KLEINEIDAM, Wilhard [DE/DE];
Behrkampsweg 20L, 22529 Hamburg (DE).

(74) **GÖTZ, Thomas;** Breitenburger Strasse 31,
25524 Itzehoe (DE).

(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).

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)⁷ **B05B 7/24**

(11) **WO 2004/087332** (13) A1

(21) PCT/DE2004/000682

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) de (26) de

(30) 103 15 426.4 **3 Apr/avr 2003 DE**
(**03.04.2003**)

(30) 60/491,431 **31 Jul/juil 2003 US**
(**31.07.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ADAPTER AND METHOD FOR HOLD-
ING A SPRAY GUN CAN
• ADAPTATEUR ET PROCEDE SER-
VANT A LOGER UN GODET DE PIS-
TOLET-PULVERISATEUR

(71, 72) **RUDA, Martin** [DE/DE]; Achalmstr.
13, 73760 Ostfildern (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).

Published / Publiée : (c)

(51)⁷ B05C

(11) WO 2004/087333 (13) A2

(21) PCT/US2004/009293

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,565 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • LIQUID APPLICATION SYSTEM
• SYSTEME D'APPLICATION DE LI-
QUIDE

(71, 72) WATSON, Richard [US/US]; 4900 N.E.
104th Street, Vancouver, WA 98686 (US).

(74) JONES, Jason, R. 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)⁷ B05C 11/10, 5/02, A43D 25/18

(11) WO 2004/087334 (13) A1

(21) PCT/IB2004/000968

(22) 31 Mar/mar 2004 (31.03.2004)

(25) it (26) en

(30) BO2003A000188 2 Apr/avr 2003 IT
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR APPLYING GLUE TO A
SURFACE OF AN ARTICLE
• PROCEDE D'APPLICATION DE COLLE
A LA SURFACE D'UN ARTICLE

(71, 72) CIUCANI, Mario [IT/IT]; C. da S. Giro-
lamo, 5/C, I-63023 Fermo (IT).

(74) DALL'OLIO, Giancarlo; Invention S.a.s.,
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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)⁷ B05C 19/06, B05B 15/04, 15/10, G05B
19/19

(11) WO 2004/087335 (13) A1

(21) PCT/SE2004/000510

(22) 2 Apr/avr 2004 (02.04.2004)

(25) sv (26) en

(30) 0300983-4 4 Apr/avr 2003 SE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD, APPARATUS AND SOFT-
WARE FOR COATING.
• PROCEDE, APPAREIL ET LOGICIEL
DESTINES AU REVETEMENT

(71) MEVEIN HOLDING AG [—/CH]; c/o Dr.
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ZÜRICH (CH).
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(72, 75) HÅKANSSON, Mikael [SE/SE]; Hel-
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(74) DR LUDWIG BRANN PATENTBYRÅ
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(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)⁷ B05D

(11) WO 2004/087336 (13) A2

(21) PCT/US2004/009549

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,487 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • ULTRASONIC SPRAY COATING SYS-
TEM
• SYSTEME DE REVETEMENT PAR
PULVERISATION ULTRASONORE

(71) ULTRASONIC SYSTEMS INC. [US/US];
135 Ward Hill Avenue, Haverhill, Massachu-
setts 01835 (US).

(for all designated States except / pour tous
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(72, 75) ERICKSON, Stuart, J. [US/US];
117 Elm Street, Marblehead, Massachu-
setts 01945 (US). ERICKSON, Drew, D.
[US/US]; 122 Georgetown Road, West New-
bury, Massachusetts 01985 (US). DAVIS,
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tow, New Hampshire 03865 (US). COTE,
Christopher J. [US/US]; 17A Winter Street,
Amesbury, Massachusetts 01913 (US).
FAUCHER, Norman R. [US/US]; 41 Kim-
ball Road, Londonderry, Massachusetts
03053 (US).

(74) LINEK, Ernest, V.; Banner & Witcoff,
Ltd., 28 State Street, 28th Floor, 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)⁷ B05D 1/26, 3/06, C09J 7/02, B29C 47/00

(11) WO 2004/087337 (13) A1

(21) PCT/EP2004/002097

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 103 14 764.0 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR PRODUCING STRUC-
TURED ADHESIVE MATERIALS AND
THE USE OF THE SAME
• PROCEDE DE PRODUCTION DE MA-
TIERES AUTO-ADHESIVES STRUC-
TUREES ET LEUR UTILISATION

(71) TESA AG [DE/DE]; Quickbornstrasse 24,
20253 Hamburg (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HUSEMANN, Marc [DE/DE];
Strehlowweg 48, 22605 Hamburg (DE).
ZÖLLNER, Stephan [DE/DE]; Osterkamp
11, 22043 Hamburg (DE).

(74) TESA AG; Quickbornstrasse 24, 20253
Hamburg (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)⁷ B05D 7/00

(11) WO 2004/087338 (13) A2

(21) PCT/EP2004/002336

(22) 8 Mar/mar 2004 (08.03.2004)

(25) de (26) de

(30) 103 14 775.6 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEAT EXCHANGER AND METHOD FOR TREATING THE SURFACE OF SAID HEAT EXCHANGER

• ECHANGEUR THERMIQUE ET PROCEDE DE TRAITEMENT DE SURFACE D'UN TEL ECHANGEUR THERMIQUE

(71) BEHR GMBH & CO. KG [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).

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

(72, 75) BOGER, Snjezana [HR/DE]; Rechbergstrasse 4, 73734 Esslingen (DE). ENGLERT, Peter [DE/DE]; Heideweg 7/1, 74177 Bad Friedrichshall (DE). FISCHLE, Klaus [DE/DE]; Böblinger Weg 22, 71732 Tamm (DE). MAMBER, Oliver [DE/DE]; Thomas-Mann-Strasse 32, 70469 Stuttgart (DE). SEDLMEIR, Sabine [DE/DE]; Kurfürstenstrasse 71, 74821 Mosbach (DE).

(74) BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauserstrasse 3, 70469 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B05D 7/14, 7/00, C09D 7/12, F28F 13/04

(11) WO 2004/087339 (13) A1

(21) PCT/EP2004/002337

(22) 8 Mar/mar 2004 (08.03.2004)

(25) de (26) de

(30) 103 14 701.2 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEAT EXCHANGER AND METHOD FOR TREATING THE SURFACE OF SAID HEAT EXCHANGER

• ECHANGEUR THERMIQUE ET PROCEDE DE TRAITEMENT DE SURFACE D'UN TEL ECHANGEUR THERMIQUE

(71) BEHR GMBH & CO. KG [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).

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

(72, 75) BOGER, Snjezana [HR/DE]; Rechbergstrasse 4, 73734 Esslingen (DE). ENGLERT, Peter [DE/DE]; Heideweg 7/1, 74177 Bad Friedrichshall (DE). FISCHLE, Klaus [DE/DE]; Böblinger Weg 22, 71732 Tamm (DE). MAMBER, Oliver [DE/DE]; Thomas-Mann-Strasse 32, 70469 Stuttgart (DE). SEDLMEIR, Sabine [DE/DE]; Kurfürstenstrasse 71, 74821 Mosbach (DE).

(74) BEHR GMBH & CO. KG; Intellectual Property, G-IP, Mauserstrasse 3, 70469 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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(u) for / pour US only / seulement

(51)⁷ B06B

(11) WO 2004/087340 (13) A2

(21) PCT/IB2004/002470

(22) 5 Mar/mar 2004 (05.03.2004)

(25) it (26) en

(30) TV2003A000040 7 Mar/mar 2003 IT (07.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THERMALLY CUT MODULAR METAL FRAME FOR DOORS AND WINDOWS

• CADRE METALLIQUE MODULAIRE THERMIQUEMENT DECOUPE POUR PORTES ET FENETRES

(71) PALLADIO TRADING S.r.L. [IT/IT]; Via A. Boito 25, I-31048 San Biagio di Callalta (IT).

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

(72, 75) ESPOSITO, Giuseppe [IT/IT]; Via Lombardi 3, I-31100 Treviso (IT).

(74) DE GREGORI, Antonella et al. / etc.; Ing. Barzano' & Zanardo Milano S.p.A., Via Borgonuovo 10, I-20121 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).

(51)⁷ B06B 1/08

(11) WO 2004/087341 (13) A1

(21) PCT/JP2004/003241

(22) 11 Mar/mar 2004 (11.03.2004)

(25) ja (26) ja

(30) 2003-094689 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ULTRASONIC TRANSDUCER ELEMENT AND ULTRASONIC TRANSDUCER USING SAME

• ELEMENT TRANSDUCTEUR ULTRASONORE

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

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

(51)⁷ B06B 1/12

(11) WO 2004/087342 (13) A1

(21) PCT/JP2004/004058

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-127539 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-436386 8 Dec/déc 2003 JP (08.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CAVITATION-GENERATING DEVICE

• GENERATEUR DE CAVITATION

(71, 72) FUJIMOTO, Masahisa [JP/JP]; 17-1-403, Shioya-cho 5-chome, Tarumi-ku, Kobe-shi, Hyogo 6550872 (JP).

(74) OKA, Kengo et al. / etc.; Oka & Partners, 8th Floor, Sakae Bldg., 1-1, Motomachi-dori 6-chome, Chuo-ku, Kobe-shi, Hyogo 6500022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ B06B 1/16, B64C 27/00

(11) WO 2004/087343 (13) A1

(21) PCT/FR2004/000477

(22) 1 Mar/mar 2004 (01.03.2004)

(25) fr (26) fr

(30) 03/03412 20 Mar/mar 2003 FR
(20.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • ANTI-VIBRATORY DEVICE WITH RO-
TARY COMPENSATION WEIGHTS

- DISPOSITIF ANTIVIBRATOIRE A
MASSELOTES ROTATIVES

(71) EUROCOPTER [FR/FR]; Aéroport Inter-
national Marseille-Provence, F-13725 Marig-
nane Cedex (FR).

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(72, 75) MANFREDOTTI, Thomas [FR/FR];
872, route de Cagnes, F-06480 La Colle sur
Loup (FR). SEQUERA, Damien [FR/FR];
919, chemin du Mas Baron, F-30900 Nîmes
(FR).

(74) GPI & ASSOCIES; Herard, Paul, EuroParc
de Pichauray, 1330, rue Guillibert de la Lauz-
ière, 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).

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(51)⁷ B07C

(11) WO 2004/087344 (13) A2

(21) PCT/US2004/009419

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/400,522 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • STACK CORRECTION SYSTEM AND
METHOD

- SYSTEME ET PROCEDE DE TRI

(71) NORTHROP GRUMMAN CORPORA-
TION [US/US]; 1840 Century Park East, Los
Angeles, California 90067-219 (US).

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

(72, 75) STUBLESKI, Andrew, Mark,
[US/US]; 10369 College Square, Colum-
bia, Maryland 21044 (US). BITTENBEN-
DER, Mark, David, [US/US]; 8843 Goose
Landing Circle, Columbia, Maryland 21045
(US). CAMPAGNOLLE, Pierre, Jacques,
[FR/FR]; Lotissement Pegard, F-26760
Beaumont Les Valence (FR). ZARAGOZA,
Dominique, Andre, [FR/US]; 10156 Winter-
brook Lane, Jessup, Maryland 20794 (US).

(74) PARKER, Stephen, B., et al. / etc.; 1425 K
Street N.W., Suite 800, 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).

(51)⁷ B09B 3/00

(11) WO 2004/087345 (13) A1

(21) PCT/JP2004/004573

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-095416 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR TREATING ORGANIC
MATERIAL UTILIZING SOLID-LIQU-
ID TWO PHASE CIRCULATION
PROCESS

- PROCEDE DE TRAITEMENT D'UN
MATERIAU ORGANIQUE AU MOYEN
D'UN PROCESSUS DE CIRCULATION
BIPHASE SOLIDE-LIQUIDE

(71) TAMA-TLO, LTD. [JP/JP]; Hachioji Square
Bldg. 11F, 9-1, Asahi-cho, Hachioji-shi,
Tokyo 1920083 (JP). SEAWELL CO., LTD.
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(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAGAO, Norio [JP/JP]; c/o SEAWELL
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(JP).

(74) SATOH, Takahisa; Sohshin International
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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)⁷ B21D 22/04

(11) WO 2004/087346 (13) A1

(21) PCT/KR2004/000670

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ko (26) en

(30) JP-2003-0097613 1 Apr/avr 2003 JP
(01.04.2003)

(30) JP-2003-0375744 5 Nov/nov 2003 JP
(05.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • A METHOD OF MAKING THE
GROOVE OF PIPE MATERIALS

- PROCEDE DE FABRICATION
D'ECHANCRURE SUR MATIERES
TUBES

(71) ODA TECHNICAL TARDING CO., LTD
[JP/KR]; 203-203, Samhwan APT, 1876-1,
Jeongwang-dong, Shihung-shi, Gyeonggi-do
429-771 (KR).

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

(72, 75) ODA, Shigeo [JP/JP]; 21-13, Hi-
gashihakushima, Nakaku, Hiroshima (JP).

(74) WOO, Deok-Keun; 202, Seojung Building,
1572-10 Seocho-3-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).

(51)⁷ B21D 39/02, 37/08, 19/08

(11) WO 2004/087347 (13) A1

(21) PCT/JP2004/003123

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-095405 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • HOLDER UNIT AND HEMMING PROCESSING DEVICE WITH THE SAME
• UNITE RETENUE ET DISPOSITIF DE RABATTAGE UTILISANT CELUI-CI

(71) OILES CORPORATION [JP/JP]; 3-2, Shibadaimon 1-chome, Minato-ku Tokyo, 1058584 (JP).

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(72, 75) SASAHARA, Tadashi [JP/JP]; c/o OILES CORPORATION Fujisawa Plant 8, Kirihara-cho, Fujisawa-shi Kanagawa, 2520811 (JP).

(74) TAKADA, Takeshi; 3rd Floor, Hanabusa Building 12-6, Minamiaoyama 5-chome, Minato-ku Tokyo, 1070062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ B21D 53/08, B23P 19/02

(11) WO 2004/087348 (13) A1

(21) PCT/IB2004/000995

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307465.5 1 Apr/avr 2003 GB (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TUBE FINNING MACHINE AND METHOD

• PROCEDE ET MACHINE POUR LA FORMATION D'AILETTES SUR DES TUBES

(71) PIERCE, DAVID, BLAND [GB/GB]; 24 Dorsington Close, Hatton Park, Warwick CV35 7TH (GB).

(only for / seulement pour US)

(71) APPLIED SYSTEMS MANAGEMENT LIMITED [GB/GB]; Queens House, Queens Road, Coventry CV1 3DR (GB).

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

(74) GEE, Steven, William.; D.W. & S.W. GEE, 1 South Lynn Gardens, London Road, Shipston on Stour CV36 4ER (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)⁷ B21J 7/14, 13/08, B21D 39/04

(11) WO 2004/087349 (13) A1

(21) PCT/IT2004/000114

(22) 5 Mar/mar 2004 (05.03.2004)

(25) it (26) en

(30) BS2003 A 000034 4 Apr/avr 2003 IT (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED TOOL POST CLAMP FOR RADIAL PRESS

• PINCE PORTE-OUTIL PERFECTIONNEE POUR PRESSE RADIALE

(71) OP S.R.L. [IT/IT]; Via Serpente, 18, I-25100 Brescia (IT).

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

(72, 75) ZILIANI, Massimo [IT/IT]; c/o OP S.r.l., Via Serpente, 18, I-25100 Brescia (IT).

(74) CRIPPA, Paolo, Ernesto et al. / etc.; Jacobacci & Partners S.p.A., Piazzale Arnaldo, 2, I-25121 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ B22C 9/00

(11) WO 2004/087350 (13) A2

(21) PCT/DE2004/000638

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 14 373.4 28 Mar/mar 2003 DE (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRIMARY SHAPING METHOD FOR A COMPONENT COMPRISING A MICROSTRUCTURED FUNCTIONAL ELEMENT

• PROCEDE DE TRANSFORMATION PRIMAIRE D'UN COMPOSANT AYANT UN ELEMENT FONCTIONNEL A MICROSTRUCTURE

(71) RWTH AACHEN [—/DE]; Templergraben 55, 52056 Aachen (DE).

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

(72, 75) SCHMITZ, Georg J. [DE/DE]; Grossheidstrasse 264, 52080 Aachen (DE). GROHN, Manfred [DE/DE]; Nikolaus-Ehlen-Strasse 1, 53919 Weilerswist (DE). NOMINIKAT, Jürgen [DE/DE]; Aachener Strasse 127, 52249 Eschweiler (DE).

(74) WAGNER, Mario; Bauer Wagner Priesmeyer, Patent- und Rechtsanwälte, Technologiezentrum am Europaplatz, Dennewartstrasse 25 - 27, 52068 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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); (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); (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); (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)⁷ B22D 17/20

(11) WO 2004/087351 (13) A1

(21) PCT/JP2003/003895

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEAT INSULATION PLUNGER SLEEVE FOR DIE CASTING MACHINE

- CYLINDRE DE PISTON THERMIQUE-MENT ISOLANT POUR MACHINE A COULER SOUS PRESSION
- (71) KUBOTA CORPORATION [JP/JP]; 2-47, Shikitsuhigashi 1-chome, Naniwa-ku, Osaka-shi, Osaka 556-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KABA, Takahiro [JP/JP]; 1-214-321, Naka 2-chome, Koyochō, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (JP). FU-NAKOSHI, Jun [JP/JP]; 7-17-803, Satsuki-gaokaminami, Suita-shi, Osaka 565-0832 (JP).
- (74) MARUYAMA, Toshiyuki; 10-12, Nakamiya 4-chome, Asahi-ku Osaka-shi, Osaka 535-0003 (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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ B22D 23/00, B22F 9/08, 3/115, B29C 67/00
- (11) WO 2004/087352 (13) A1
- (21) PCT/JP2004/004399
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) ja (26) ja
- (30) 2003-90946 28 Mar/mar 2003 JP (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DEVICE AND METHOD OF INJECTING METAL
• DISPOSITIF ET PROCEDE D'INJECTION DE METAL
- (71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) YAMAGUCHI, Katsumi [JP/JP]; 1303, Kuboyama, Nagakute-cho, Aichi-gun, Aichi 480-1151 (JP).
- (72, 75) NAKAMURA, Hiroshi [JP/JP]; 462-58, Nakashidami-karaike, Moriyama-ku, Nagoya-shi, Aichi 463-0002 (JP).
- (74) SHIMIZU, Yoshihiro et al. / etc.; 3rd Floor, Yashiro Building, 14-4, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ B23B 19/02
- (11) WO 2004/087353 (13) A1
- (21) PCT/JP2004/004591
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-96503 31 Mar/mar 2003 JP (31.03.2003)
- (30) 2003-103219 7 Apr/avr 2003 JP (07.04.2003)
- (30) 2003-384703 14 Nov/nov 2003 JP (14.11.2003)
- (30) 2003-419854 17 Dec/déc 2003 JP (17.12.2003)
- (30) 2004-000261 5 Jan/jan 2004 JP (05.01.2004)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MAIN SHAFT DEVICE AND MACHINE TOOL WITH THE SAME
• ENSEMBLE ARBRE PRINCIPAL ET MACHINE-OUTIL COMPORTANT LE-DIT ENSEMBLE
- (71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUGITA, Sumio [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). AOKI, Mitsuho [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). INAGAKI, Yoshifumi [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (JP). MORITA, Yasushi [JP/JP]; c/o NSK Ltd., 5-50, Kugenumashinmei 1-chome, Fujisawa-shi, Kanagawa 251-8501 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B23B 51/04, 29/03
- (11) WO 2004/087355 (13) A1
- (21) PCT/EP2004/003386
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) de (26) de
- (30) 103 15 394.2 4 Apr/avr 2003 DE (04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DRILLING TOOL
• OUTIL DE FORAGE
- (71) SANDVIK AB [SE/SE]; S-811 81 Sandviken (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FRANK, Peter [DE/DE]; Hoher Weg 7, 98593 Floh-Seligenthal (DE).
- (74) WEBER, Dieter et al. / etc.; Postfach 6145, 65051 Wiesbaden (DE).
- (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)⁷ B23B 29/034
- (11) WO 2004/087354 (13) A1
- (21) PCT/EP2004/002256
- (25) de (26) de
- (30) 103 14 889.2 1 Apr/avr 2003 DE (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • TOOL FOR MACHINE TOOLS
• OUTIL POUR MACHINES-OUTILS
- (71) KOMET GROUP HOLDING GMBH [DE/DE]; Zeppelinstrasse 3, 74354 Bietigheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HEILMANN, Jürgen [DE/DE]; Freudentaler Strasse 11, 74391 Erligheim (DE). KRETZSCHMANN, Uwe [DE/DE]; Sandweg 51, 74321 Bietigheim-Bissingen (DE). LEUZE, Peter [DE/DE]; Weinstrasse 48, 74399 Walheim (DE).
- (74) WOLF, Eckhard, Dr. et al. / etc.; Hauptmannsreute 93, 70193 Stuttgart (DE).
- (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).

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(51)⁷ B23B 51/04, B23P 15/28

(11) WO 2004/087356 (13) A1

(21) PCT/EP2004/003575

(22) 3 Apr/avr 2004 (03.04.2004)

(25) de (26) de

(30) 103 16 116.3 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SINGLE-LIP DRILL AND METHOD
FOR THE PRODUCTION THEREOF

• FORET A UNE LEVRE ET SON PRO-
CEDE DE PRODUCTION

(71) TBT TIEFBOHRTECHNIK GMBH
[DE/DE]; Siemensstrasse 1, 72581 Dettingen
(DE).

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

(72, 75) RANDECKER, Hermann [DE/DE];
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BAUMGÄRTNER, Heiner [DE/DE]; Uh-
landstrasse 6, 72574 Bad Urach (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
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ B23B 51/04

(11) WO 2004/087357 (13) A1

(21) PCT/JP2004/000158

(22) 13 Jan/jan 2004 (13.01.2004)

(25) en (26) en

(30) 2003-091395 28 Mar/mar 2003 JP
(28.03.2003)

(30) 2003-270270 2 Jul/juil 2003 JP
(02.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROTARY CUTTING APPARATUS

• APPAREIL DE DECOUPE ROTATIF

(71) NITTO KOHKI CO., LTD. [JP/JP]; 9-4,
Nakaikagami 2-chome, Ohta-ku, Tokyo
1468555 (JP).

(72) MIKIYA, Toshio; 28-8, Denenchofu
3-chome, Ohta-ku, Tokyo 1450071 (JP).
SHIMADA, Keisuke; c/o Nitto Kohki
Co., Ltd., 9-4, Nakaikagami 2-chome,
Ohta-ku Tokyo 1468555 (JP). CHIBA,

Takashi; c/o Nitto Kohki Co., Ltd., 9-4,
Nakaikagami 2-chome, Ohta-ku Tokyo
1468555 (JP). YAMAGUCHI, Munenori;
c/o Nitto Kohki Co., Ltd., 9-4, Nakaikagami
2-chome, Ohta-ku Tokyo 1468555 (JP).
OHTSUKA, Kenji; c/o Nitto Kohki Co.,
Ltd., 9-4, Nakaikagami 2-chome, Ohta-ku
Tokyo 1468555 (JP).

(74) ITOH, Shigeru; 3F, Akasaka BT Bldg.,
4-8, 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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT 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).

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)⁷ B23C

(11) WO 2004/087358 (13) A2

(21) PCT/US2004/009359

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/400,521 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MILLING CUTTER AND INSERT-CAR-
RYING CARTRIDGE FOR USE
THEREIN

• FRAISE ET CARTOUCHE CONTE-
NANT UNE PIECE RAPPORTEE A
UTILISER AVEC LADITE FRAISE

(71) VALENITE, LLC [US/US]; 31700 Re-
search Park Drive, Madison Heights, Michi-
gan 48071-9636 (US).

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

(72, 75) NOGGLE, Kenneth, G. [US/US]; 4436
Cedar, West Bloomfield, Michigan 48323
(US). REITERMAN, Lee [US/US]; 2074
Mapleridge, Rochester Hills, Michigan 48309
(US).

(74) GRUDZIECKI, Ronald, L. et al. / etc.;
Burns, Doane, Swecker & Mathis LLP, P.O.
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).

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)⁷ B23G 1/02

(11) WO 2004/087359 (13) A1

(21) PCT/JP2003/004005

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THREAD CUTTING CONTROL
METHOD AND THREAD CUTTING
CONTROLLER

• PROCEDE DE COMMANDE DE FI-
LETAGE ET CONTROLEUR DE FILE-
TAGE

(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) MIZUKAMI, Yuji [JP/JP]; c/o Mit-
subishi Denki Kabushiki Kaisha, 2-3,
Marunouchi 2-Chome, Chiyoda-ku, Tokyo
100-8310 (JP). HASHIMOTO, Hiroshi
[JP/JP]; c/o Mitsubishi Denki Kabushiki
Kaisha, 2-3, Marunouchi 2-Chome, Chi-
yoda-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 DE JP US.

(51)⁷ B23K 11/14

(11) WO 2004/087360 (13) A1

(21) PCT/JP2003/004103

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROJECTION WELDING EQUIPMENT AND PROJECTION WELDING METHOD

• DISPOSITIF ET PROCÉDE DE SOUDAGE PAR BOSSAGE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) NAMIKI, Masaki; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). TAKAHASHI, Tomokazu; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP KR.

(51)⁷ B23K 11/24

(11) WO 2004/087361 (13) A1

(21) PCT/JP2003/004102

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RESISTANCE WELDING EQUIPMENT
• EQUIPEMENT DE SOUDURE DE RESISTANCE

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) TAKAHASHI, Tomokazu; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). NAMIKI, Masaki; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP KR.

(51)⁷ B23K 26/03

(11) WO 2004/087362 (13) A2

(21) PCT/US2004/009932

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/403,688 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CENTRALIZED CONTROL ARCHITECTURE FOR A LASER MATERIALS PROCESSING SYSTEM

• ARCHITECTURE DE COMMANDE CENTRALISEE POUR UN SYSTEME DE TRAITEMENT DE MATERIAUX AU LASER

(71) HYPERTHERM, INC. [US/US]; P.O. Box 5010, Etna Road, Hanover, NH 03755 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PICARD, Tate, S. [US/US]; 162 Jones Hill Road, Enfield, NH 03748 (US). WOODS, Kenneth, J. [US/US]; 225 Slayton Hill Road, Lebanon, NH 03766 (US).

YOUNG, Roger, E., Jr. [US/US]; 64 H Backbay Road, Canann, NH 03741 (US). CONNALLY, William, J. [US/US]; P.O. Box 1577, Grantham, NH 03753 (US).

(74) CAPRARO, Joseph, A., Jr.; Proskauer Rose LLP, One International Place 14th 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)⁷ B23K 26/04

(11) WO 2004/087363 (13) A1

(21) PCT/GB2004/001432

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307723.7 3 Apr/avr 2003 GB (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POSITIONING METHOD, APPARATUS AND A PRODUCT THEREOF

• PROCÉDE DE POSITIONNEMENT, APPAREIL ET PRODUIT ASSOCIES

(71) EXITECH LIMITED [GB/GB]; Oxford Industrial Park, Yarnton, Oxford OX5 1QU (GB).

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

(72, 75) BANN, Robert [GB/GB]; 8 Wykham Gardens, Banbury OX16 9LP (GB). SYKES, Neil [GB/GB]; 18 Belmont, Wantage OX12 9AS (GB).

(74) ROCK, Olaf, Colin; Rock and Company, Trelawn, The Green, Cassington, Witney OX29 4DN (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)⁷ B23K 26/38, 26/18, 26/42, F02M 61/18

(11) WO 2004/087364 (13) A1

(21) PCT/EP2004/002672

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 103 14 844.2 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING A THROUGH-BORE IN A WORKPIECE, USE OF SAID METHOD FOR PRODUCING AN INJECTION ORIFICE IN A NOZZLE AND NOZZLE FOR AN INJECTOR

• PROCÉDE POUR PRODUIRE UN ALE-SAGE TRAVERSANT DANS UNE PIECE, UTILISATION DUDIT PROCÉDE POUR PRODUIRE UNE OUVERTURE D'INJECTION DANS UNE BUSE ET BUSE POUR INJECTEUR

(71) SIEMENS AKTIENGESSELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) HAMANN, Christoph [DE/DE]; Josef-Riedhammer-Str. 11, 93107 Thal-massing (DE). KULL, Eberhard [DE/DE]; Birkengrund 12, 85276 Pfaffenhofen (DE). LENK, Andreas [DE/DE]; Windmühl-höhe 11, 01728 Bannewitz Ot Possendorf (DE).

(74) SIEMENS AKTIENGESSELLSCHAFT; 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)⁷ B23K 31/02

(11) WO 2004/087365 (13) A1

(21) PCT/AT2004/000106

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) GM 223/2003 31 Mar/mar 2003 AT (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR WELDING A ROTATIONALLY SYMMETRICAL PART TO A HUB PART

• PROCÉDE DE SOUDAGE D'UNE PIECE A SYMETRIE DE ROTATION AVEC UNE PARTIE DE MOYEU

(71) MAGNA STEYR FAHRZEUGTECHNIK AG & CO KG [AT/AT]; Liebenauer Hauptstrasse 317, A-8041 Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAHM, Manfred [AT/AT]; Tallak 84, A-8103 Rein (AT).

(74) KOVAC, Werner; c/o MAGNA STEYR Fahrzeugtechnik AG & Co KG, Liebenauer Hauptstrasse 317, A-8041 Graz (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)⁷ B23K 35/28, 1/005, 9/173, 10/02

(11) WO 2004/087366 (13) A1

(21) PCT/EP2004/050284

(22) 10 Mar/mar 2004 (10.03.2004)

(25) de (26) de

(30) 03007198.9 29 Mar/mar 2003 EP (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR INERT GAS WELDING OR INERT GAS SOLDERING WORKPIECES COMPRISING IDENTICAL OR DIFFERENT METALS OR METAL ALLOYS BY MEANS OF AN ADDITIONAL ZN/AL METAL

• PROCEDE PERMETTANT DE SOUDER SOUS PROTECTION GAZEUSE OU DE BRASER SOUS PROTECTION GAZEUSE DES PIECES CONSTITUEES DE METAUX OU D'ALLIAGES METALLIQUES IDENTIQUES OU DIFFERENTS AU MOYEN D'UN MATERIAU SUPPLEMENTAIRE CONTENANT UN ALLIAGE ZN/AL

(71) GRILLO-WERKE AG [DE/DE]; Weseler Str. 1, 47169 Duisburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SPIESTERSBACH, Jochen [DE/DE]; Waldsteige 22, 47058 Duisburg (DE). WISNIEWSKI, Jürgen [DE/DE]; Sebastianusstr. 3, 46487 Wesel (DE). PRENGER, Frank [DE/DE]; Tenterweg 286, 40885 Ratingen (DE).

(74) STERNAGEL, FLEISCHER, GODEMEYER & PARTNER; An den Gärten 7, 51491 Overath (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)⁷ B23P

(11) WO 2004/087367 (13) A2

(21) PCT/EP2004/002280

(22) 5 Mar/mar 2004 (05.03.2004)

(25) de (26) de

(30) 103 15 419.1 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING HELICAL SPRINGS OR STABILISERS

• PROCEDE DE FABRICATION DE RESORTS HELICOIDALUX OU DE STABILISATEURS

(71) THYSSENKRUPP AUTOMOTIVE AG [DE/DE]; Alleestrassse 165, 44793 Bochum (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VONDRACEK, Hans [DE/DE]; Am Bollwerk 4, 58339 Brekerfeld (DE). DZIEM-BALLA, Hans [DE/DE]; Im Markenfeld 25, 58642 Iserlohn (DE). MANKE, Lutz [DE/DE]; Brucknerstr. 58, 58097 Hagen (DE). BOROWIKOW, Alexander [DE/DE]; Bernauer Weg 5, 16230 Sydower Fliess (DE).

(74) ADAMS, Steffen; ThyssenKrupp Automotive AG, Recht und Patente, Alleestrassse 165, 44793 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).

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

(51)⁷ B23P 11/00, 11/02, F16C 23/04, 11/06, B21K 25/00

(11) WO 2004/087368 (13) A1

(21) PCT/GB2004/001303

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307407.7 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD OF SWAGING A SPHERICAL BEARING

• PROCEDE POUR EMBOUTIR UNE ARTICULATION SPHERIQUE

(71) MINEBEA CO. LTD. [JP/JP]; 4106-73, Oaza Miyota, Miyota-Machi, Kitasaku-gun, Nagano-ken (JP).

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

(72, 75) SMITH, Paul, Raymond [GB/GB]; NMB-Minebea UK Ltd., Doddington Road, Lincoln LN6 3RA (GB).

(74) FORRESTER KETLEY & CO; Forrester House, 52 Bounds 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)⁷ B23P 21/00, B23Q 7/14, H05K 13/04

(11) WO 2004/087369 (13) A1

(21) PCT/FI2004/000186

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 20030487 1 Apr/avr 2003 FI (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MODULAR ASSEMBLY LINE WITH A PALLET WITH A FRAME ADJUSTABLE FOR A SPECIFIC WORKPIECE AND METHODS OF ADJUSTING AND POSITION FINDING

• LIGNE DE MONTAGE MODULAIRE AVEC PALETTE A CADRE REGLABLE EN FONCTION DE LA PIECE ET PROCEDE DE REGLAGE ET DE DETERMINATION DE POSITION

(71) PERLOS OYJ [FI/FI]; Äyritie 12 C, FI-01510 Vantaa (FI).

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

(72, 75) TYKKYLÄINEN, Pertti [FI/FI]; Ankkuritie 18, FI-81100 Kontiolahti (FI). KARAISTE, Jussi [FI/FI]; Porkkarinne 2, FI-80230 Joensuu (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FI-00121 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).

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)⁷ B23Q 16/10, 7/02, B23B 3/16

(11) WO 2004/087370 (13) A1

(21) PCT/IT2003/000194

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TOOL-HOLDER TURRET
• TOURELLE POUR PORTE-OUTILS

(71) DUPLOMATIC AUTOMAZIONE S.P.A. [IT/IT]; Via Torquato Tasso, 5, I-21052 Busto Arsizio (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE BERNARDI, Franco [IT/IT]; Corso XX Settembre, 37, I-21052 Busto Arsizio (IT).

(74) PERANI, Aurelio et al. / etc.; c/o Perani Mezzanotte & Partners, Piazza San Babila, 5, 20122 Milano (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 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)⁷ B24B 1/00, 49/02 // 13/00, 37/00

(11) WO 2004/087371 (13) A1

(21) PCT/JP2003/004083

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MACHINING METHOD AND MACHINING DEVICE
• PROCEDE ET DISPOSITIF POUR L'USINAGE

(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) SONE, Shunsuke [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YANAGIDA, Yoshiaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SUDO, Koji [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NOMURA, Michinao [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) FUJIMOTO, Ryosuke; Tokyo ST Bldg., 9th Floor, 9-4, Hatchobori 4-chome, Chuo-ku, Tokyo 104-0032 (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)⁷ B24B 1/00, 41/06, 49/02 // 13/00, 37/00

(11) WO 2004/087372 (13) A1

(21) PCT/JP2003/007970

(22) 23 Jun/juin 2003 (23.06.2003)

(25) ja (26) ja

(30) PCT/JP03/04083 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FINISHING METHOD AND FINISHING DEVICE
• PROCEDE ET DISPOSITIF DE FINITION

(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) NOMURA, Michinao [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YANAGIDA, Yoshiaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SUDO, Koji [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SONE, Shunsuke [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) FUJIMOTO, Ryosuke; Tokyo ST Bldg., 9th Fl., 9-4, Hatchobori 4-chome, Chuo-ku, Tokyo 104-0032 (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 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)⁷ B24B 9/14, 47/22, 41/06, B23Q 11/00

(11) WO 2004/087373 (13) A1

(21) PCT/FR2004/000720

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03/03764 27 Mar/mar 2003 FR (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR TRIMMING A SPECTACLE LENS

• PROCEDE DE DETOURAGE D'UN VERRE DE LUNETTE

(71) ESSILOR INTERNATIONAL (Compagnie Générale d'Optique) [FR/FR]; 147 rue de Paris, F-94220 Charenton le Pont (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GUILLERMIN, Laurent [FR/FR]; 89 Boulevard de Charonne, F-75011 Paris (FR). JOUARD, Ludovic [FR/FR]; 12 avenue Foch, F-27000 Evreux (FR).

(74) ROBERT, Jean-Pierre et al. / etc.; c/o Cabinet Boettcher, 22 rue du Général Foy, 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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Declaration / Déclaration :
(t) for the following designation / pour la désignation suivante : US

(51)⁷ B24B 9/14, 27/00

(11) WO 2004/087374 (13) A1

(21) PCT/FR2004/000754

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 0303792 27 Mar/mar 2003 FR (27.03.2003)

- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MACHINE FOR GRINDING OPTICAL LENSES
• MACHINE DE MEULAGE DE VERRES OPTIQUES
- (71) BRIOT INTERNATIONAL [FR/FR]; 2, rue Roger Bonnet, F-27340 PONT DE L'ARCHE (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEUNIER, Jean-Marc [FR/FR]; 2683 Route des Roches, F-76350 OISSEL (FR). SROKA, Laurent [FR/FR]; 12, rue des Frères Duret, F-76380 VAL DE LA HAYE (FR).
- (74) JACOBSON, Claude et al. / etc.; Cabinet LAVOIX, 2, Place d'Estienne d'Orves, F-75441 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 : (c)
- (51)⁷ B24B 55/02, 9/10
- (11) WO 2004/087376 (13) A1
- (21) PCT/GB2003/004885
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 0307512.4 1 Apr/avr 2003 GB (01.04.2003)
- (30) 0319862.9 26 Aug/août 2003 GB (26.08.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • WORKPIECE COOLING DURING GRINDING
• REFROIDISSEMENT D'UNE PIECE A USINER PENDANT SON MEULAGE
- (71) UNOVA U.K. LIMITED [GB/GB]; 26 Temple Street, Aylesbury, Buckinghamshire HP20 2RQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COMLEY, Paul, Douglas [GB/GB]; 19 Hitchin Road, Stotfold, Hitchin, Hertfordshire SG5 4HP (GB). PIERSE, Michael, George [GB/GB]; 216 Castle Road, Bedford MK40 3TY (GB).
- (74) KEITH W NASH & CO; 90-92 Regent Street, Cambridge CB2 1DP (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 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).
- Published / Publiée : (c)
- (51)⁷ B24B 37/04, 53/007, 49/02
- (11) WO 2004/087375 (13) A1
- (21) PCT/US2004/009535
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 60/457,273 25 Mar/mar 2003 US (25.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CHIP CUSTOMIZED POLISH PADS FOR CHEMICAL MECHANICAL PLANARIZATION (CMP)
• TAMPONS A POLIR ADAPTE POUR PLANARISATION CHIMIQUE ET MECANIQUE
- (71) NEOPAD TECHNOLOGIES CORPORATION [US/US]; 1290 Oakmead Parkway, Suite 305, Sunnyvale, CA 94085 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NEOPAD TECHNOLOGIES CORPORATION [IN/US]; 1290 Oakmead Parkway, Suite 305, Sunnyvale, CA 94085 (US). ROY, Pradip, K. [US/US]; 1290 Oakmead Parkway, Suite 305, Sunnyvale, CA 94085 (US).
- (74) CERPA, Robert, K. 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).
- Published / Publiée : (c)
- (51)⁷ B24B 55/02, 9/10
- (11) WO 2004/087376 (13) A1
- (21) PCT/GB2003/004885
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 0307512.4 1 Apr/avr 2003 GB (01.04.2003)
- (30) 0319862.9 26 Aug/août 2003 GB (26.08.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • WORKPIECE COOLING DURING GRINDING
• REFROIDISSEMENT D'UNE PIECE A USINER PENDANT SON MEULAGE
- (71) UNOVA U.K. LIMITED [GB/GB]; 26 Temple Street, Aylesbury, Buckinghamshire HP20 2RQ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) COMLEY, Paul, Douglas [GB/GB]; 19 Hitchin Road, Stotfold, Hitchin, Hertfordshire SG5 4HP (GB). PIERSE, Michael, George [GB/GB]; 216 Castle Road, Bedford MK40 3TY (GB).
- (74) KEITH W NASH & CO; 90-92 Regent Street, Cambridge CB2 1DP (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 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).
- Published / Publiée : (c)
- (51)⁷ B24B 55/05, B23Q 11/00
- (11) WO 2004/087377 (13) A1
- (21) PCT/SE2004/000372
- (22) 16 Mar/mar 2004 (16.03.2004)
- (25) en (26) en
- (30) 0300891-9 31 Mar/mar 2003 SE (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • POWER GRINDER WITH SAFETY GUARD AND SPINDLE ARRESTING MEANS
• MEULEUSE ELECTRIQUE A UNITE DE BLOCAGE DE VOLET DE PROTECTION ET DE BROCHE

- (71) ATLAS COPCO TOOLS AB [SE/SE]; S-105 23 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FOLIN, Richard, Claes [SE/SE]; Sickelsjö, S-732 91 Arboga (SE).
- (74) PANTZAR, Tord; c/o Atlas Copco Tools AB, S-105 23 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).
- Published / Publiée : (c)
- (51)⁷ B24C 7/00, 1/04, F16K 11/074
- (11) WO 2004/087378 (13) A1
- (21) PCT/SG2004/000073
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 200301765-4 2 Apr/avr 2003 SG (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SWITCHING FLUID FLOW BY DIRECTION
• COMMUTATION D'ECOULEMENT FLUIDE PAR DEVIATION
- (71) JETIS INTERNATIONAL PTE LTD [SG/SG]; 17 Hwa Yew Industrial Building, Mandai Estate #06-1B, Singapore 729934 (SG).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GADD, Michael, William [GB/SG]; Blk 171, Bukit Batok West Avenue 8, #20-355, Singapore 650171 (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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ B24D
- (11) WO 2004/087379 (13) A2
- (21) PCT/US2004/008489
- (22) 18 Mar/mar 2004 (18.03.2004)

- (25) en (26) en
- (30) 60/457,993 **27 Mar/mar 2003** US
(27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PRECISION MEANS FOR SHARPENING AND CREATION OR MICROBLADES ALONG CUTTING EDGES
• MOYENS DE PRECISION POUR AFFUTER ET CREER DES MICROLAMES LE LONG D'ARETES COUPANTES
- (71) **EDGECRAFT CORPORATION** [US/US]; 825 Southwood Road, Avondale, PA 19311 (US).
- (72) **FRIEL, Daniel, D., SR.**; Windward Road, Greenville, DE 19807 (US). **BIGLIANO, Robert, P.**; 2105 Gilpin Avenue, Wilmington, DE 19806 (US).
- (74) **PEZZNER, Harold**; Connolly Bove Lodge & Hutz LLP, 1008 N. Orange Street, Wilmington, DE 19801 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B25H**
- (11) **WO 2004/087380** (13) A2
- (21) PCT/US2004/009263
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 10/401,491 **28 Mar/mar 2003** US
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **PIERCING TOOL**
• **OUTIL PERFORANT**
- (71) **PUMPKIN LTD. d.b.a PUMPKIN MAS-TERS, INC.** [US/US]; 1905 Sherman Street, Suite 1000, Denver, CO 80203 (US).
- (72) **VAN ULMER, Kurt**; 1638 Franklin Street, #5, Denver, CO 80218 (US). **HENNESSEY, Michael, D.**; 1545 B. Glencoe Street, Denver, CO 80220 (US). **DEVORE, Sandra, B.**; 6415 W. 4th Avenue, Lakewood, CO 80226 (US). **STOUGHTON, Cheryl, Ann**; 7373 E. Iowa Avenue, #1076, Denver, CO 80231 (US).
- (74) **MARTIN, Timothy, J. et al. / etc.**; Timothy J. Martin, P.C., 9250 W. 5th Avenue, Suite 200, Lakewood, CO 80226 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL
- SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B25J 5/00**
- (11) **WO 2004/087381** (13) A1
- (21) PCT/JP2004/002441
- (22) **27 Feb/fév 2004 (27.02.2004)**
- (25) ja (26) ja
- (30) 2003-094984 **31 Mar/mar 2003** JP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **LEG TYPE MOVABLE ROBOT**
• **ROBOT MOBILE DU TYPE JAMBE**
- (71) **HONDA MOTOR CO.,LTD.** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIYAZAKI, Susamu** [JP/JP]; c/o Kabushiki Kaisha Honda, Gijyutsu Kenkyusho, 4-1, Chuo 1-Chome, Wako-shi, Saitama, 3510193 (JP). **OTANI, Tomoko** [JP/JP]; c/o Kabushiki Kaisha Honda, Gijyutsu Kenkyusho, 4-1, Chuo 1-Chome, Wako-shi, Saitama, 3510193 (JP).
- (74) **YOSHIDA, Yutaka**; 816 Ikebukuro White House Building, 20-2, Higashi Ikebukuro 1-chome, Toshima-ku, Tokyo 170-0013 (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).
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- (51)⁷ **B26B 21/40**
- (11) **WO 2004/087382** (13) A1
- (21) PCT/US2004/008501
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) en (26) en
- (30) 60/457,554 **26 Mar/mar 2003** US
(26.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **WET SHAVING DEVICE WITH WIRE-WRAPPED BLADE SETS**
• **DISPOSITIF DE RASAGE HUMIDE COMPRENANT DES ENSEMBLES DE LAMES ENROULES D'UN FIL**
- (71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145 (US).
- (72) **COFFIN, David, C.**; 62 Woodstock Road, Hamden, CT 06517 (US). **PENNELLA, Andrew, J.**; 180 Blackwood Lane, Stamford, CT 06903 (US). **SASUTA, Michael, J.**; 476 Milford Point Road, Milford, CT 06460 (US).
- (74) **MICHAUD, Richard, R.**; 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).
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- (51)⁷ **B26F 1/08, A61F 13/15**
- (11) **WO 2004/087383** (13) A1
- (21) PCT/JP2003/010565
- (22) **21 Aug/août 2003 (21.08.2003)**
- (25) ja (26) ja
- (30) 2003-97147 **31 Mar/mar 2003** JP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **CUTTING DEVICE AND CUTTING METHOD, AND EQUIPMENT AND METHOD FOR MANUFACTURING INTER-LABIA MAJORA PAD**
• **DISPOSITIF ET PROCEDE DE DECOUPE, EQUIPEMENT ET PROCEDE DE FABRICATION DE SERVIETTES HYGIENIQUES**
- (71) **UNI-CHARM CORPORATION** [JP/JP]; 182, Shimobun, Kinsei-cho, Kawano-shi, Ehime 799-0111 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIZUTANI, Satoshi** [JP/JP]; c/o Technical Center, Uni-Charm Corporation, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 769-1602 (JP). **HOSOKAWA, Masashi** [JP/JP]; c/o Technical Center, Uni-Charm Corporation, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 769-1602 (JP). **YAMAKI, Koichi** [JP/JP]; c/o Technical Center, Uni-Charm Corporation, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 769-1602 (JP). **NODA, Yuki** [JP/JP]; c/o Technical Center, Uni-Charm Corporation, 1531-7, Takasuka, Wadahama, Toyohama-cho, Mitoyo-gun, Kagawa 769-1602 (JP).
- (74) **SHOBAYASHI, Masayuki et al. / etc.**; Ikebukuro City Heights 701, 18-34, Minami-ikebukuro 3-chome, Toshima-ku, Tokyo 171-0022 (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 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ **B26F 1/20, D04H 13/00, D06C 15/02**
- (11) **WO 2004/087384** (13) A1
- (21) PCT/IT2003/000198
- (22) **2 Apr/avr 2003 (02.04.2003)**
- (25) it (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND DEVICE TO PRODUCE A PERFORATED WEB MATERIAL
• PROCEDE ET DISPOSITIF DE PRODUCTION DE MATERIAU EN BANDE PERFORE
- (71, 72) **GIACOMETTI, Claudio** [IT/IT]; Via Falserone, 13, I-51100 Pistoia (IT).
- (74) **MANNUCCI, Michele** et al. / etc.; Ufficio tecn. Ing A. Manucci S.r.l., Via della Scala, 4, I-50123 Firenze (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 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)⁷ **B27B 17/00**
- (11) **WO 2004/087385** (13) A1
- (21) PCT/SE2004/000468
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 0300989-1 **4 Apr/avr 2003 (04.04.2003)** SE
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DEVICE FOR A POLE SAW
• DISPOSITIF DESTINE A UNE SCIE A PERCHE
- (71) **AKTIEBOLAGET ELECTROLUX** [SE/SE]; S-105 45 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAHLBERG, Göran** [SE/SE]; Bunnström, S-563 92 Gränna (SE). **DÖRA-GRIP, Gustaf** [SE/SE]; Västra Holmgatan 6, S-553 23 Jönköping (SE).
- (74) **LILJEGREN, Fredrik**; AB Electrolux, Group Intellectual Property, S-105 45 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)⁷ **B27N 1/00, 3/04**
- (11) **WO 2004/087386** (13) A1
- (21) PCT/JP2004/000229
- (22) **15 Jan/jan 2004 (15.01.2004)**
- (25) en (26) en
- (30) 2003-096846 **31 Mar/mar 2003 (31.03.2003)** JP
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OD PRODUCING A FIBER BOARD
• PROCEDE DE PRODUCTION DE PANNEAU DE FIBRES
- (71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza-Kadoma Kadoma-shi Osaka, 5718686, P (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKUZAWA, Masayuki** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD. 1048, Oaza-Kadoma Kadoma-shi Osaka, 5718686 (JP). **OHNISHI, Kenji** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD. 1048, Oaza-Kadoma Kadoma-shi Osaka, 5718686 (JP). **OKUDAIRA, Yuzo** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD. 1048, Oaza-Kadoma Kadoma-shi Osaka, 5718686 (JP). **ANDO, Hideyuki** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD. 1048, Oaza-Kadoma Kadoma-shi Osaka, 5718686 (JP). **UMEOKA, Kazunori** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD. 1048, Oaza-Kadoma Kadoma-shi Osaka, 5718686 (JP). **RYU, Bunkai** [CN/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD. 1048, Oaza-Kadoma Kadoma-shi Osaka, 5718686 (JP). **NAITO, Shigeki** [JP/JP]; c/o MATSUSHITA ELECTRIC WORKS, LTD. 1048, Oaza-Kadoma Kadoma-shi Osaka, 5718686 (JP). **SUGAWARA, Ryo** [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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B27N 3/04**
- (11) **WO 2004/087387** (13) A1
- (21) PCT/JP2004/000387
- (22) **15 Jan/jan 2004 (15.01.2004)**
- (25) en (26) en
- (30) 2003-096844 **31 Mar/mar 2003 (31.03.2003)** JP
- (30) 2003-096846 **31 Mar/mar 2003 (31.03.2003)** JP
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • FIBER BOARD
• PANNEAU DE FIBRES
- (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) **OHNISHI, Kenji** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). **OKUZAWA, Masayuki** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). **OKUDAIRA, Yuzo** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). **ANDO, Hideyuki** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). **UMEOKA, Kazunori** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 5718686 (JP). **RYU, Bunkai** [CN/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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B27N 3/18**
- (11) **WO 2004/087388** (13) A1
- (21) PCT/EP2004/000033
- (22) **7 Jan/jan 2004 (07.01.2004)**
- (25) de (26) de
- (30) 203 05 236.6 **1 Apr/avr 2003 (01.04.2003)** DE

(43) 14 Oct/oct 2004 (14.10.2004)	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).
(54) • VAPOUR DEPOSITION DEVICE AND METHOD • DISPOSITIF ET PROCEDE DE VAPORISATION	(51) ⁷ B28D 5/00	(51) ⁷ B29C
(71) KRONOSPAN TECHNICAL COMPANY LTD. [CY/CY]; 2 Andrea Zakkou Street Office 102, 2404 Engomi, Nicosia (CY). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(11) WO 2004/087390 (13) A1	(11) WO 2004/087392 (13) A2
(72, 75) STUTZ, Josef [CH/CH]; Schulhausstrasse 16 c, CH-9052 Niederteufen (CH).	(21) PCT/JP2003/004100	(21) PCT/US2003/039407
(74) GILLE HRABAL STRUCK NEIDLEIN PROP ROSS; Brucknerstrasse 20, 40593 Düsseldorf (DE).	(22) 31 Mar/mar 2003 (31.03.2003)	(22) 10 Dec/déc 2003 (10.12.2003)
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(25) ja (26) ja	(25) en (26) en
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).	(43) 14 Oct/oct 2004 (14.10.2004)	(30) 60/437,358 30 Dec/déc 2002 (30.12.2002) US
(51) ⁷ B28D 1/18, 7/02, B24B 57/02, 23/02, B23Q 11/00	(54) • LASER CUTTING METHOD OF FRAGILE MATERIAL • PROCÉDÉ DE DÉCOUPE PAR LASER DE MATÉRIAU FRAGILE	(30) 10/732,584 9 Dec/déc 2003 (09.12.2003) US
(11) WO 2004/087389 (13) A1	(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). <i>(for all designated States except / pour tous les États désignés sauf US)</i>	(43) 14 Oct/oct 2004 (14.10.2004)
(21) PCT/NL2004/000190	(72, 75) MATSUSHITA, Naohisa [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).	(54) • COMPOSITES PRESSURE RESIN INFUSION SYSTEM (COMPRIS) • SYSTÈME D'INFUSION DE COMPOSITES AU MOYEN DE RESINE SOUS PRESSION (COMPRIS)
(22) 16 Mar/mar 2004 (16.03.2004)	(74) TOYAMA, Tsutomu et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).	(71) UNIVERSITY OF MAINE [US/US]; Department of Industrial Cooperation, 5717 Corbett Hall, Room 430, Orono, ME 04469-5717 (US). <i>(for all designated States except / pour tous les États désignés sauf US)</i>
(25) nl (26) en	(81) JP US.	(72, 75) GOODELL, Barry, S. [US/US]; 103 Howard Street, Bangor, ME 04401 (US). LOPEZ-ANIDO, Roberto [US/US]; 9 Edgewood Drive, Orono, ME 04473 (US). HERZOG, Benjamin [US/US]; 5316 Bennoch Road, LaGrange, ME 04453 (US).
(30) 1022937 17 Mar/mar 2003 NL (17.03.2003)	(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).	(74) MANN, Jeffry, S. et al. / etc.; Townsend and Townsend and Crew, LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
(43) 14 Oct/oct 2004 (14.10.2004)	(51) ⁷ B29B 17/00, B29C 47/52	(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID 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.
(54) • WALL MILLING DEVICE WITH WATER INJECTION AND DISCHARGE SYSTEMS • DISPOSITIF DE FRAISAGE DE PAROI DOTE DE SYSTEMES D'INJECTION ET D'EVACUATION D'EAU	(11) WO 2004/087391 (13) A1	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(71, 72) WESTENBERG, Jan, Hendrik [NL/NL]; Mees 63, NL-7609 JT Almelo (NL). HOFINK, Willem [NL/NL]; Lis-dodde 12, NL-7772 MR Hardenberg (NL).	(21) PCT/AT2004/000054	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 PG PH PL PT 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
(74) MINK-LINDENBURG, Charlotte, Hildgard; IDPatent b.v., P.O. Box 15, NL-7468 ZG Enter (NL).	(22) 20 Feb/fév 2004 (20.02.2004)	(51) ⁷ B29C
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.	(25) de (26) de	(11) WO 2004/087393 (13) A2
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF	(30) A 511/2003 1 Apr/avr 2003 (01.04.2003) AT	(21) PCT/US2004/009657

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/403,208 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ABRASION-RESISTANT COMPOSITES WITH *IN-SITU* ACTIVATED BINDER RESIN

• COMPOSITES RESISTANT A L'ABRASION COMPRENANT UNE RESINE LIANTE ACTIVEE <I>IN SITU <I>

(71) XYMID, L.L.C. [US/US]; 109 South Perry Street, Petersburg, VA 23803 (US).

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

(72, 75) TSARKEZOS, Stephen H. [US/US]; 26 Laurel Run Road, Elkton, MD 21921 (US). ZAFIROGLU, Dimitri P. [US/US]; 303 Pentland Drive, Centreville, DE 19807 (US).

(74) LEW, Jeffrey C.; 2205 Silverside Road, Wilmington, DE 19810 (US).

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

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

(51)⁷ B29C

(11) WO 2004/087394 (13) A2

(21) PCT/US2004/009852

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,446 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THERMOPLASTIC/FIBER MATERIAL COMPOSITES, COMPOSITE/METALLIC ARTICLES AND METHODS FOR MAKING COMPOSITE/METALLIC ARTICLES

• COMPOSITES DE MATERIAU THERMOPLASTIQUE/FIBREUX, ARTICLES COMPOSITES/METALLIQUES ET PROCEDES DE FABRICATION DESDITS ARTICLES COMPOSITES/METALLIQUES

(71) GREENE, TWEED OF DELAWARE, INC. [US/US]; 1105 North Market Street, Suite 1300, Wilmington, DE 19899 (US).

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

(72, 75) RAWA, George [US/US]; 132 Astor Drive, Harleysville, PA 19438 (US). BRAND, Keith, Robert [GB/US]; 928 Kulp Road, Pottstown, PA 19465 (US). TOTO, Christopher, D. [US/US]; 416 Smith Street, North Wales, PA 19454 (US).

GABRIEL, Jason, F. [US/US]; 2692 Faust Road, Gilbertsville, PA 19525 (US). FORTUNATO, Kevin, D. [US/US]; 24 Maurice Lane, Hatboro, PA 19040 (US).

(74) CALDERONE, Lynda, L. 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)⁷ B29C 33/30, 45/14, 45/26

(11) WO 2004/087395 (13) A1

(21) PCT/JP2004/004658

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-092999 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MOLD FOR IN-MOLD DECORATING SIMULTANEOUSLY WITH MOLDING
• MOULE POUR DECORATION DANS LE MOULE ET MOULAGE SIMULTANES

(71) NISSHA PRINTING CO., LTD. [JP/JP]; 3, Mibu Hanai-cho, Nakagyo-ku, Kyoto-shi, Kyoto 6048551 (JP).

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

(72, 75) TOYOOKA, Naoto [JP/JP]; c/o Nissha Printing Co., Ltd., 3, Mibu Hanai-cho, Nakagyo-ku, Kyoto-shi, Kyoto 6048551 (JP). OZAWA, Mitsuhiro [JP/JP]; 5-67, Inuikakiuchi, Terado-cho, Muko-shi, Kyoto 6170002 (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)⁷ B29C 39/26, 39/02, 33/72, G02C 13/00, 7/02 // B29L 11:00

(11) WO 2004/087396 (13) A1

(21) PCT/JP2004/004558

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-095979 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LENS MOLDING DIE ASSEMBLING DEVICE, LENS MOLDING DIE WASHING METHOD, AND LENS MOLDING DIE ASSEMBLING METHOD

• DISPOSITIF ET PROCEDE SERVANT A ASSEMBLER UNE MATRICE DE MOULAGE DE LENTILLE ET PROCEDE DE LAVAGE DE CETTE MATRICE

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

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

(51)⁷ B29C 43/36, 33/40

(11) WO 2004/087397 (13) A1

(21) PCT/JP2004/003660

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-097222 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEMBER FOR MOLDING MOLTED RESIN LUMP

• ELEMENT DE MOULAGE D'UN BLOC DE RESINE EN FUSION

(71) TOYO SEIKAN KAISHA, LTD. [JP/JP]; 3-1, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 1008522 (JP).

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

(72, 75) SANO, Hiroki [JP/JP]; c/o Corporate Research & Development, Toyo Seikan Group, 22-4, Okazawa-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 2400062 (JP).

- KUROKAWA, Wataru [JP/JP]; c/o Corporate Research & Development, Toyo Seikan Group, 22-4, Okazawa-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 2400062 (JP).
IMATANI, Tsuneo [JP/JP]; c/o Corporate Research & Development, Toyo Seikan Group, 22-4, Okazawa-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 2400062 (JP).
- (74) OHTA, Akio; c/o Ohta Patent Office, New State Manor Bldg. 356, 23-1, 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)⁷ B29C 47/00
- (11) WO 2004/087398 (13) A2
- (21) PCT/EP2004/001965
- (22) 27 Feb/fév 2004 (27.02.2004)
- (25) de (26) de
- (30) 103 15 200.8 3 Apr/avr 2003 DE (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • TRANSMISSION FOR DRIVING A MULTISHAFT EXTRUDER
• TRANSMISSION DESTINEE A L'ENTRAÎNEMENT D'UNE EXTRUDEUSE A PLUSIEURS ARBRES
- (71, 72) BLACH, Josef, A. [DE/DE]; Hoher Steg 10, 74348 Lauffen (DE).
- (74) BERNGRUBER, Otto et al. / etc.; Franziskanerstr. 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).
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- (51)⁷ B29C 47/10, 47/20
- (11) WO 2004/087399 (13) A2
- (21) PCT/EP2004/003654
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) de (26) de
- (30) 103 14 714.4 31 Mar/mar 2003 DE (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • EXTRUSION NOZZLE HEAD FOR EXTRUDING TUBULAR PLASTIC PARTS
• TETE D'EXTRUSION POUR EXTRUDER DES PIECES EN PLASTIQUE TUBULAIRES
- (71) WINDMÖLLER & HÖLSCHER KG [DE/DE]; Münsterstrasse 50, 49525 Lengerich (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JOPPE, Markus [DE/DE]; Poststrasse 24H, 49477 Ibbenbüren (DE).
- (74) WEBER, Jan, Thorsten; Windmüller & Hölscher KG, Münsterstrasse 50, 49525 Lengerich (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 :
(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
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- (51)⁷ B29C 47/90
- (11) WO 2004/087400 (13) A1
- (21) PCT/EP2004/003333
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) de (26) de
- (30) 103 15 125.7 3 Apr/avr 2003 DE (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CALIBRATION DEVICE
• DISPOSITIF DE CALIBRAGE
- (71) KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH [DE/DE]; Krauss-Maffei Strasse 2, 80997 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STIEGLITZ, Henning [DE/DE]; Eglofstrasse 20, 81247 München (DE).
- (74) ZOLLNER, Richard; mpm consulting & Services GmbH - FS -, Krauss-Maffei Str. 2, 80997 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)⁷ B29C 55/02, B32B 27/32, C08J 5/18
- (11) WO 2004/087401 (13) A1
- (21) PCT/JP2004/004290
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-92796 28 Mar/mar 2003 JP (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • STRETCHED FILM AND METHOD FOR PRODUCTION THEREOF
• FILM ETIRE ET SON PROCEDE DE PRODUCTION
- (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) NISHIJIMA, Shigetoshi [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP).
IMUTA, Shinichi [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP).
HIROSE, Toshiyuki [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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B29C 59/06, B26F 1/26
- (11) WO 2004/087402 (13) A1
- (21) PCT/US2004/009593
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/458,866 28 Mar/mar 2003 US (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)

(54) • FORMING STRUCTURE FOR EMBOSSED AND DEBOSSING POLYMERIC WEBS

• STRUCTURE DE MISE EN FORME POUR L'EMBOSSAGE ET LE DESEMBOSSEMENT DE BANDES POLYMERES

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, Ohio 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRAY, Brian, Francis [CA/US]; 565 Woodbrook Lane, Cincinnati, Ohio 45215 (US).

(74) THE PROCTER & GAMBLE COMPANY; c/o T. David Reed, 6110 Center Hill Road, Cincinnati, Ohio 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 VN YU ZA ZM ZW.

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

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(51)⁷ B29C 65/08, 65/78 // A61F 13/15

(11) WO 2004/087403 (13) A1

(21) PCT/JP2004/004525

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-095069 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEAL DEVICE AND SEAL METHOD USING THE SAME

• DISPOSITIF D'ÉTANCHEITÉ ET PROCÉDE D'ÉTANCHEIFICATION FAISANT APPEL À CE DERNIER

(71) UNI-CHARM CORPORATION [JP/JP]; 182, Shimobun, Kinsei-cho, Shikokuchuo-shi, Ehime, 7990111 (JP).
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(72, 75) YAMAMOTO, Hiroki [JP/JP]; c/o Technical Center of UNI-CHARM CORPORATION 1531-7, Takasuka, Wadahama, Toyohama-cho Mitoyo-gun, Kagawa, 7691602 (JP).

(74) NOZAKI, Teruo; Nishiwaki Building 3rd Floor, 1-4, Kojimachi 4-chome, Chiyoda-ku, Tokyo, 1020083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B29C 70/24, 70/30, 70/02

(11) WO 2004/087404 (13) A1

(21) PCT/EP2004/002789

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 14 901.5 1 Apr/avr 2003 DE (01.04.2003)

(30) 203 10 085.9 1 Jul/juil 2003 DE (01.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE PRODUCTION OF FIBER COMPOSITES AND FIBER COMPOSITE PRODUCED ACCORDING TO SAID METHOD

• PROCÉDE PERMETTANT DE PRODUIRE DES MATERIAUX COMPOSITES RENFORCES PAR DES FIBRES, ET MATERIAU COMPOSITE RENFORCE PAR DES FIBRES PRODUIT AU MOYEN DE CE PROCÉDE

(71, 72) KÖLZER, Klaus-Kurt [DE/DE]; Ellerstrasse 101, 40721 Hilden (DE).

(74) GILLE HRABAL STRUCK NEIDLEIN PROP ROOS; Brucknerstr. 20, 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 VN YU ZA ZM ZW.

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

(t) for all designations / pour toutes les désignations; (i) for all designations / pour toutes les désignations

(51)⁷ B29C 70/34, F04D 29/54, B29C 70/44

(11) WO 2004/087405 (13) A1

(21) PCT/FR2004/000285

(22) 9 Feb/fév 2004 (09.02.2004)

(25) fr (26) fr

(30) 03/03696 26 Mar/mar 2003 FR (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF PRODUCING POLYIMIDE MATRIX COMPOSITE PARTS

• PROCÉDE DE FABRICATION DE PIÉCES EN COMPOSITE À MATRICE POLYIMIDE

(71) HUREL HISPANO [FR/FR]; Rue du Pont 8, F-76700 Gonfreville L'Orcher (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHEVIN, Jean-Pierre [FR/FR]; 1, rue Gerville, F-76700 Gainneville (FR).
MARCHANT, Pascal, Eric, Jean [FR/FR]; 88, rue de la Libération, F-76700 Gainneville (FR).

(74) MAUREAU, Philippe; Cabinet Germain & Maureau, 39, rue de Liège, 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).

(51)⁷ B30B 9/20, B01D 33/15

(11) WO 2004/087406 (13) A1

(21) PCT/JP2003/003779

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROTARY COMPRESSION FILTERING MACHINE AND METHOD FOR DEWATERING SOFT MATERIAL BEING TREATED

• MACHINE À FILTRER PAR COMPRESSION ROTATIVE ET TECHNIQUE PERMETTANT DE DESHYDRATER LE MATERIAU TRAITE

(71) TOMOE ENGINEERING CO., LTD. [JP/JP]; Daini Maruzen Building, 9-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OTSUKA, Takaharu [JP/JP]; 1010-14, Ohwadashinden, Yachiyo-shi, Chiba 276-0046 (JP).

(74) TAKEDA, Kenichi et al. / etc.; K. Takeda & Associates, Toranomon South Building, 24-11, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CA CN ID IN KR NZ 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)⁷ B30B 11/00, B22F 3/035

(11) WO 2004/087407 (13) A1

(21) PCT/JP2004/004303

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-092386 **28 Mar/mar 2003 JP**
(**28.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POWDER MOLDING DIE APPARATUS AND METHOD OF MOLDING FOR OBTAINING POWDER MOLDING PRODUCT

• APPAREIL A FILIERE POUR MOULAGE A PARTIR DE POUDRES ET PROCEDE DE MOULAGE POUR LA FABRICATION DE PRODUIT DE MOULAGE A PARTIR DE POUDRES

(71) MITSUBISHI MATERIALS CORPORATION [JP/JP]; 5-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, 1008117 (JP).

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

(72, 75) NAKAI, Takashi [JP/JP]; c/o Mitsubishi Materials Corporation Niigata Plant, 1-1, Koganecho 3-chome, Niigata-shi, Niigata, 9508640 (JP). KAWASE, Kinya [JP/JP]; c/o Mitsubishi Materials Corporation Niigata Plant, 1-1, Koganecho 3-chome, Niigata-shi, Niigata, 9508640 (JP).

(74) USHIKI, Mamoru; c/o Ushiki, Somekawa & Associates, 14th Fl., Toranomon Mitsui Bldg., 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B32B

(11) WO 2004/087408 (13) A2

(21) PCT/US2004/009026

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/395,875 **25 Mar/mar 2003 US**
(**25.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTI-LAYERED BEDCLOTHES MATERIAL

• MATERIAU MULTICOUCHE POUR LITERIE

(71) HOMTEX, INC. [US/US]; 15295 Alabama Highway 157, Vinemont, AL 35179 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) WOOTTEN, Gerald, E., Jr.; 298 County Road 1468, Cullman, AL 35055 (US).
(only for / seulement pour US)

(74) TUSHIN, Richard, H.; Dykema Gossett PLLC, 1300 I Street, N.W., Suite 300 West, 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)⁷ B32B 3/10, 3/00, 3/28, 3/26, A61F 13/15, 13/20

(11) WO 2004/087409 (13) A1

(21) PCT/US2004/009586

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,825 **26 Mar/mar 2003 US**
(**26.03.2003**)

(30) 10/807,409 **24 Mar/mar 2004 US**
(**24.03.2004**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STRETCHABLE WEB

• BANDE ETIRABLE

(71) TREDEGAR FILM PRODUCTS CORPORATION [US/US]; 1100 Boulders Parkway, Richmond, VA 23225 (US).

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

(72, 75) CHUNG, Tze, Wan, Pansy [US/US]; 1595 Oxley Court, Wheeling, IL 60090 (US). TRIBBLE, James, D. [US/US]; 5308 West Twin Beach Estates Drive, Brazil, IN 47834 (US). MIDDLESWORTH, Jeffrey, Alan [US/US]; 116 West Maple Avenue, Wauconda, IL 60084 (US). BRUCE, Stephen, D. [US/US]; 6108 Hidden Oak Court, Crystal Lake, IL 60012 (US).

(74) DOODY, Patrick, A. 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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(51)⁷ B32B 5/16, 5/26

(11) WO 2004/087410 (13) A1

(21) PCT/EP2004/003653

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 10/404,199 **31 Mar/mar 2003 US**
(**31.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REINFORCEMENT STRUCTURES AND PROCESSES FOR MANUFACTURING SAME

• STRUCTURES DE RENFORT ET LEURS PROCEDES DE FABRICATION

(71) OWENS-CORNING FIBERGLAS ESPANA SA [ES/ES]; Ctra. C-1411, KM20, E-09205 San Vincent deCastellet (ES).

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

(72, 75) ADOLPS, Georg [DE/ES]; Narcis Giral, 16-E, E-08292 Sabadell (ES).

(74) JACOB, Reuben, E. et al. / etc.; R G C JENKINS & CO., 26 Caxton Street, Greater 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)⁷ B32B 5/26, D21H 23/50

(11) WO 2004/087411 (13) A1

(21) PCT/JP2004/004198

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-095731 **31 Mar/mar 2003 JP**
(**31.03.2003**)

(30) 2003-111695 **16 Apr/avr 2003 JP**
(**16.04.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LAMINATE, RECORDING MATERIAL AND METHOD FOR PRODUCING THOSE

• LAMINE, MATERIAU D'ENREGISTREMENT ET LEUR PROCEDE DE PRODUCTION

(71) OJI PAPER CO., LTD. [JP/JP]; 7-5, Ginza 4-chome, Chuo-ku, Tokyo 104-0061 (JP).

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

(72, 75) YAGI, Hisanori [JP/JP]; 2-32, Shirakawa, Ibaraki-shi, Osaka 567-0832 (JP). KOBAYASHI, Yasushi [JP/JP]; 1-11-5-222, Saiwai-cho, Mihama-ku, Chiba-shi, Chiba 261-0001 (JP). KAWAMUKAI, Takashi [JP/JP]; 1-4-5-506, Futamata, Ichikawa-shi, Chiba 272-0001 (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)⁷ B32B 13/02, B28B 1/52, 23/02

(11) WO 2004/087412 (13) A1

(21) PCT/IB2004/000978

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003901529 31 Mar/mar 2003 AU (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A DURABLE HIGH PERFORMANCE FIBRE CEMENT PRODUCT AND METHOD OF MANUFACTURE

• PRODUIT PERFORMANT RESISTANT EN CIMENT ARME DE FIBRES ET SON PROCEDE DE FABRICATION

(71) JAMES HARDIE INTERNATIONAL FINANCE B.V. [NL/NL]; Unit 04-07, Atrium Building, Strawinskylaan 3077, NL-1077 ZX Amsterdam (NL).

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(72, 75) ZARB, Joseph, Emmanuel [AU/AU]; Lot 203 Cartwright Street, Bonnyrigg, NSW 2177 (AU). SILVA, Leonard [AU/AU]; 239B Glenmore Road, Paddington, NSW 2021 (AU). O'CHEE, Milton, Terrence [AU/AU]; 122 Chatham Road, Denistone, NSW 2144 (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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ B32B 15/14, 19/04, E04B 1/94

(11) WO 2004/087413 (13) A1

(21) PCT/EP2004/003084

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03252029.8 31 Mar/mar 2003 EP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FIRE PROTECTION

• PROTECTION CONTRE L'INCENDIE

(71) ROCKWOOL INTERNATIONAL A/S [DK/DK]; 584 Hovedgaden, DK-2640 Hedehusene (DK).

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

(72, 75) PEDERSEN, Kurt, Munk [DK/DK]; Hovedgaden 40, DK-4140 Borup (DK).

(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 VN YU ZA ZM ZW.

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

(51)⁷ B32B 17/10, 17/06, C03C 27/06, C01B 33/24, 33/149

(11) WO 2004/087414 (13) A2

(21) PCT/GB2004/001236

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0307215.4 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADIATION SHIELDING GLAZINGS

• VITRAGES DE PROTECTION CONTRE LE RAYONNEMENT

(71) PILKINGTON SPECIAL GLASS LIMITED [GB/GB]; Prescott Road, St Helens, Merseyside WA10 3TT (GB).

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

(72, 75) BANERJEE, Pinaki [IN/GB]; 2 Upton Drive, Upton, Chester CH2 1BU (GB).

(74) HALLIWELL, Anthony, Charles et al. / etc.; Group Intellectual Property Department, Pilkington European Technical Centre, Pilkington plc, Hall Lane, Lathom, Ormskirk, Lancashire L40 5UF (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)⁷ B32B 17/10

(11) WO 2004/087415 (13) A2

(21) PCT/US2004/008707

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/397,001 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF MAKING COATED ARTICLES AND COATED ARTICLES MADE THEREBY

• PROCEDE DE FABRICATION D'ARTICLES REVETUS ET ARTICLES REVETUS AINSI CONÇUS

(71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) FINLEY, James, J.; 111 Cornwall Drive, Pittsburgh, PA 15238 (US). THIEL, James, P.; 296 Mt. Royal Boulevard, Pittsburgh, PA 15223 (US).

(74) MILES, Jacques, B. et al. / etc.; PPG Industries, Inc., One PPG Place, Intellectual Property Dept., One PPG Place, 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 VN YU ZA ZM ZW.

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

(51)⁷ B32B 27/08, A61F 13/15

(11) WO 2004/087416 (13) A1

(21) PCT/US2004/009594

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/397,334 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELASTOMERIC NONWOVEN LAMINATES AND PROCESS FOR PRODUCING SAME

• LAMINES NON TISSES ELASTOMERES ET LEUR PROCEDE DE PRODUCTION

(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) SCHNEIDER, Uwe [DE/US]; 7915 Deer Crossing Drive, Mason, OH 45040 (US). SCHMITZ, Christoph, Johann [DE/DE]; Dr.-Lieser Str. 2, 53881 Euskirchen-Stotzheim (DE).

(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)⁷ B32B 27/18, C08K 5/1545

(11) WO 2004/087417 (13) A1

(21) PCT/SE2004/000516

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0300960-2 2 Apr/avr 2003 SE
(02.04.2003)

(30) 60/320,082 2 Apr/avr 2003 US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • MATERIAL FOR PACKAGING PUR-
POSES
• MATERIAU D'EMBALLAGE

(71) AMCOR FLEXIBLES EUROPE A/S
[DK/DK]; Hattingvej 10, DK-8700 Horsens
(DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NIDEBORN, Karl [SE/SE]; Trastvä-
gen 7, S-227 31 Lund (SE). OLSSON,
Karolin [SE/SE]; Malmövägen 158, S-230
41 Klågerup (SE).

(74) DANFELTER, Maria et al. / etc.; Albi-
hns Malmö AB, P.O. Box 4289, SE-203 14
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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B32B 27/30, C08J 5/18, B65D 65/40

(11) WO 2004/087418 (13) A1

(21) PCT/EP2004/003382

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 14 779.9 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • MEDICAL PHARMACEUTICAL PLAS-
TIC CONTAINERS DISPLAYING AN
IMPROVED BARRIER EFFECT

- RECIPIENTS EN MATIERE PLAS-
TIQUE A USAGE MEDICO-PHAR-
MACEUTIQUE A EFFET BARRIERE
RENFORCE

(71, 72) KUNKEL, Dietmar [DE/DE];
Taunusstrasse 9, 64579 Gernsheim (DE).

(72, 75) FUSS, Robert [DE/DE]; Platanenweg
32, 65835 Liederbach (DE).

(74) MAI, Peter et al. / etc.; John-F.-Kennedy-
Strasse 4, 65189 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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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B32B 27/32, C08L 23/14

(11) WO 2004/087419 (13) A1

(21) PCT/EP2004/003161

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03007293.8 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • MULTILAYER FILMS
• FILMS MULTICOUCHES

(71) BOREALIS TECHNOLOGY OY [FI/FI];
P.O. Box 330, FI-06201 Porvoo (FI).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ACKERMANS, Nina [BE/BE]; Boshuis
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(74) VA TECH PATENET GMBH & CO;
Zusammenschluss Nr. 169, 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)⁷ B32B 27/32, C08J 5/18, 7/04

(11) WO 2004/087420 (13) A1

(21) PCT/US2004/008801

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/457,473 25 Mar/mar 2003 US
(25.03.2003)

(30) 10/803,360 18 Mar/mar 2004 US
(18.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • URETHANE BASED COATING AP-
PLIED IN-LINE FOR IMPROVED INK
ADHESION

- REVETEMENT A BASE D'URETHANE
APPLIQUE EN LIGNE PERMETTANT
D'OBTENIR UNE ADHERENCE DE
L'ENCRE AMELIOREE

(71) APPLIED EXTRUSION TECHNOLO-
GIES, INC. [US/US]; 15 Read's Way, New
Castle, DE 19720 (US).

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

(72, 75) GILLIE, James, Kevin [US/US]; 400
Sharon Court, Middletown, DE 19709 (US).

(74) GREENE, Gary, A.; Caesar, Rivise, Bern-
stein, Cohen & Pokotilow, LTD., Seven
Penn Center, 1635 Market Street, 12th 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)⁷ B41F 15/08

(11) WO 2004/087421 (13) A1

(21) PCT/US2004/009473

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/402,418 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PRESSURE CONTROL SYSTEM FOR
PRINTING A VISCOUS MATERIAL
• SYSTEME DE COMMANDE DE PRES-
SION POUR IMPRESSION D'UNE MA-
TIERE VISQUEUSE

(71) SPEEDLINE TECHNOLOGIES, INC.
[US/US]; 16 Forge Park, Franklin, MA
02038 (US).

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

(72, 75) PHAM-VAN-DIEP, Gerald, C.
[FR/FR]; 2 Colella Farm Road, Hopkinton,

- MA 01748 (US). MATTERO, Patsy, Anthony [US/US]; 62 Capron Road, Smithfield, RI 02917 (US). PECKHAM, Randy, Leon [US/US]; 14 Bungy Road, North Scituate, RI 02857 (US). FREEMAN, Gary [US/US]; 236 Hale Street, Beverly, MA 01915 (US). PERAULT, Joseph, A. [US/US]; 10 Thompson Court, Natick, MA 01760 (US). WILL-SHERE, Richard [GB/GB]; 46 Coombe Vally Road, Preston, Weymouth (GB).
- (74) NOE, Keith, F.; Lowrie, Lando & Anastasi, LLP, 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).
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- (51)⁷ B41F 31/30, 35/00, 11/00
- (11) WO 2004/087422 (13) A1
- (21) PCT/DK2004/000230
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) da (26) en
- (30) PA 2003 00502 1 Apr/avr 2003 DK (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PRINTING WITH FLEXOGRAPHIC INKS AND LACQUER
- IMPRESSION AVEC DU VER-NIS-LAQUE ET DES ENCREs FLEXO-GRAPHIQUES
- (71) TRESU ANLÆG A/S [DK/DK]; Eegsvej 14-16, DK-6091 Bjert (DK). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) JENSEN, Jesper, Ravn [DK/DK]; Gyn-dbjerg 5, DK-6091 Bjert (DK). GYDESEN, Erik [DK/DK]; Skjoldborgvej 17, DK-7100 Vejle (DK). LEIMAND, Henrik [DK/DK]; Engdraget 18, DK-6091 Bjert (DK).
- (74) PATRADE A/S; Fredens Torv 3A, DK-8000 Århus 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).
-
- (51)⁷ B41J
- (11) WO 2004/087423 (13) A2
- (21) PCT/US2004/008852
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 10/396,657 25 Mar/mar 2003 US (25.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • INKJET PRINthead HAVING BUB-BLE CHAMBER AND HEATER OFF-SET FROM NOZZLE
- TETE D'IMPRESSION A JET D'ENCRE PRESENTANT UNE CHAMBRE A BULLES ET DECALAGE DE DISPO-SITIF DE CHAUFFAGE A PARTIR DE L'AJUTAGE
- (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) POWERS, James, H.; 4772 Rhema Way, Lexington, KY 40514 (US).
- (74) BARKER, Scott, N.; 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).
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- (51)⁷ B41J
- (11) WO 2004/087424 (13) A2
- (21) PCT/US2004/008854
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 10/396,623 25 Mar/mar 2003 US (25.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • INKJET PRINthead HAVING CON-VEX WALL BUBBLE CHAMBER
- TETE D'IMPRESSION A JET D'ENCRE PRESENTANT UNE CHAMBRE A BULLES A PAROI CONVEXE
- (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) POWERS, James, H.; 4772 Rhema Way, Lexington, KY 40514 (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)⁷ B41J 2/01
- (11) WO 2004/087426 (13) A1
- (21) PCT/JP2004/003986
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) ja (26) ja
- (30) 2003-092413 28 Mar/mar 2003 JP (28.03.2003)
- (30) 2003-204011 30 Jul/juil 2003 JP (30.07.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • INK-FEEDING DEVICE
- DISPOSITIF D'ALIMENTATION EN ENCRE
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 5458522 (JP).

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(72, 75) **YOSHIMURA, Hisashi** UENO, Naozu-mi NAKAMURA, Hirokazu

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

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

(51)⁷ **B41J 11/70, 11/42**

(11) **WO 2004/087427** (13) A1

(21) PCT/JP2004/004237

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) ja (26) ja

(30) 2003-093040 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TAPE PRINT DEVICE AND PROGRAM
• DISPOSITIF D'IMPRESSION SUR BANDE ET PROGRAMME ASSOCIE

(71) **BROTHER KOGYO KABUSHIKI KAISHA** [JP/JP]; 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 4678561 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORI, Masaharu** [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 4678561 (JP). **ITAKURA, Jun** [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 4678561 (JP). **MORIYAMA, Satoru** [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 4678561 (JP). **ITO, Takeo** [JP/JP]; c/o BROTHER KOGYO KABUSHIKI KAISHA, 15-1, Naeshiro-cho, Mizuho-ku, Nagoya-shi, Aichi 4678561 (JP).

(74) **MATSUOKA, Shuhei**; Shin-Toshi-Center Bldg. 5F, 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ **B41L 13/04, 13/18**

(11) **WO 2004/087428** (13) A1

(21) PCT/JP2003/017073

(22) **26 Dec/déc 2003 (26.12.2003)**

(25) ja (26) ja

(30) 2003-093212 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE FORMATION DEVICE
• DISPOSITIF DE FORMATION D'IMAGES

(71) **RISO KAGAKU CORPORATION** [JP/JP]; 2-20-15, Shinbashi, Minato-ku, Tokyo 105-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IWAMOTO, Manabu** [JP/JP]; c/o Riso Kagaku, Corporation/ R & D Center, 1339-2, Wakaguri-Nishikanda, Amimachi, Inashiki-gun, Ibaraki 300-0333 (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) CN 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)⁷ **B41M**

(11) **WO 2004/087429** (13) A2

(21) PCT/US2004/009565

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

(25) en (26) en

(30) 60/458,462 **28 Mar/mar 2003 US (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD OF EMPLOYING INDICIA ON WEB MATERIAL AND WEB MATERIAL USING SAME
• SYSTEME ET PROCEDE PERMETTANT D'UTILISER DES INSCRIPTIONS SUR UN MATERIAU EN BANDE ET MATERIAU EN BANDE PORTANT LESDITES INSCRIPTIONS

(71) **GERBER SCIENTIFIC PRODUCTS, INC.** [US/US]; 83 Gerber Road West, South Windsor, CT 06074 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GODDEN, Mark** [GB/GB]; 25 Lower Warren Road, Kingsbridge Devon TQ7 1LF (GB). **BRANT, Lisa** [US/US]; 35 Evergreen Terrace, Durham, CT 06422 (US). **GORDON, Thomas** [US/US]; 164 Great Pond Road, South Glastonbury, CT 06033 (US).

(74) **GETZ, Richard, D.**; McCormick, Paulding & Huber LLP, CityPlace II, 185 Asylum Street, Hartford, CT (US).

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

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

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

(51)⁷ **B41M 3/14, G07D 7/14, B42D 15/00, 15/02, 15/10**

(11) **WO 2004/087430** (13) A1

(21) PCT/EP2004/003548

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 0307613.0 **2 Apr/avr 2003 GB (02.04.2003)**

(30) 2003902416 **19 May/mai 2003 AU (19.05.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTHENTICATION MEANS
• ELEMENT D'AUTHENTIFICATION

(71) **UCB, S.A.** [BE/BE]; Allée de la Recherche, 60, B-1070 Brussels (BE).
(only for / seulement pour US)

(72, 75) **WANING, Richard** [GB/GB]; UCB Films PLC, Station Road, Wigton, Cumbria CA7 9BG (GB). **MUKE, Sani** [AU/AU]; 4 Robin Parade, Healesville, Victoria 3777 (AU).

(74) **KIRK, Martin** et al. / etc.; UCB, S.A., Allée de la Recherche, 60, B-1070 Brussels (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 VC VN YU ZA ZM ZW.

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

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(51)⁷ **B41M 5/00, B41J 2/01**

(11) **WO 2004/087431** (13) A1

(21) PCT/JP2004/004437

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

(25) ja (26) ja

(30) 2003-094211 **31 Mar/mar 2003 JP (31.03.2003)**

(30) 2003-274545 **15 Jul/juil 2003 JP (15.07.2003)**

(30) 2003-339530 **30 Sep/sep 2003 JP (30.09.2003)**

- (30) 2004-023061 **30 Jan/jan 2004** JP
(30.01.2004)
- (30) 2004-086338 **24 Mar/mar 2004** JP
(24.03.2004)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • INKJET RECORDING MEDIUM
• SUPPORT D'ENREGISTREMENT A JET D'ENCRE
- (71) NIPPON PAPER INDUSTRIES CO., LTD. [JP/JP]; 4-1, Ohji 1-chome, Kita-ku, Tokyo 1140002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YOSHIDA, Yoshio [JP/JP]; c/o Research Laboratory of Product, Nippon Paper Industries Co., Ltd. 21-1, Ohji 5-chome, Kita-ku, Tokyo 1140002 (JP). ENDO, Shoichi [JP/JP]; c/o Research Laboratory of Product, Nippon Paper Industries Co., Ltd. 21-1, Ohji 5-chome, Kita-ku, Tokyo 1140002 (JP). KAWASHIMA, Masanori [JP/JP]; c/o Research Laboratory of Product, Nippon Paper Industries Co., Ltd. 21-1, Ohji 5-chome, Kita-ku, Tokyo 1140002 (JP). HAGISAWA, Susumu [JP/JP]; c/o Research Laboratory of Product, Nippon Paper Industries Co., Ltd. 21-1, Ohji 5-chome, Kita-ku, Tokyo 1140002 (JP). FUJIMOTO, Takayuki [JP/JP]; c/o Research Laboratory of Product, Nippon Paper Industries Co., Ltd. 21-1, Ohji 5-chome, Kita-ku, Tokyo 1140002 (JP).
- (74) AKAO, Kenichiro et al. / etc.; 4kai, Kyobashi-Nichiei Biru, 3-4, Kyobashi 3-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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B41M 5/00, B41J 2/01
- (11) WO 2004/087432 (13) A1
- (21) PCT/JP2004/004563
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) ja (26) ja
- (30) 2003-093103 **31 Mar/mar 2003** JP
(31.03.2003)
- (30) 2003-293332 **14 Aug/août 2003** JP
(14.08.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • INKJET RECORDING MATERIAL, PRINTING MATTER LAMINATE USING IT AND PRODUCTION METHOD FOR PRINTING MATTER PASTING ELEMENT
• MATERIAU POUR IMPRESSION A JET D'ENCRE, STRATIFIE SUPPORT D'IMPRESSION FAISANT INTERVENIR CE DERNIER ET PROCEDE DE PRODUCTION D'ELEMENT DE COL-LAGE DE SUPPORT D'IMPRESSION
- (71) ZEON KASEI CO., LTD. [JP/JP]; 4-1, Shiba Kohen 2-chome, Minato-ku, Tokyo 105-0011 (JP). LINTEC CORPORATION [JP/JP]; 23-23, Honcho, Itabashi-ku, Tokyo 173-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOBAYASHI, Toshiya [JP/JP]; c/o Zeon Kasei Co., Ltd., 4-1, Shiba Kohen 2-chome, Minato-ku, Tokyo 1050011 (JP). TUBAKI, Hirotaka [JP/JP]; c/o Zeon Kasei Co., Ltd., 4-1, Shiba Kohen 2-chome, Minato-ku, Tokyo 1050011 (JP). NII, Kouji [JP/JP]; c/o Zeon Kasei Co., Ltd., 4-1, Shiba Kohen 2-chome, Minato-ku, Tokyo 1050011 (JP). NISHIKAWA, Takehiko [JP/JP]; 7-7-3, Tsuji, Minami-ku, Saitama-shi, Saitama 360026 (JP).
- (74) UCHIYAMA, Mitsuru; TSI Sudacho Building 8F, 4-1, Kandasudacho 1-chome, 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 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)⁷ B41M 5/28, 5/30, 5/34
- (11) WO 2004/087433 (13) A1
- (21) PCT/JP2004/004667
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-095944 **31 Mar/mar 2003** JP
(31.03.2003)
- (30) 2003-174132 **18 Jun/juin 2003** JP
(18.06.2003)
- (30) 2003-335594 **26 Sep/sep 2003** JP
(26.09.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • HEAT-SENSITIVE RECORDING MATERIAL
• MATERIAU D'IMPRESSION THERMO-SENSIBLE
- (71) NIPPON PAPER INDUSTRIES CO., LTD. [JP/JP]; 1-4-1, Oji, Kita-ku, Tokyo 114-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DATE, Takashi [JP/JP]; c/o Product Development Research Laboratory of Nippon Paper Industries Co., Ltd., 5-21-1, Oji, Kita-ku, Tokyo 114-0002 (JP). NATSUI, Junpei [JP/JP]; c/o Product Development Research Laboratory of Nippon Paper Industries Co., Ltd., 5-21-1, Oji, Kita-ku, Tokyo 114-0002 (JP). MIDORIKAWA, Yoshimi [JP/JP]; c/o Product Development Research Laboratory of Nippon Paper Industries Co., Ltd., 5-21-1, Oji, Kita-ku, Tokyo 114-0002 (JP). NAGAI, Tatsuo [JP/JP]; c/o Product Development Research Laboratory of Nippon Paper Industries Co., Ltd., 5-21-1, Oji, Kita-ku, Tokyo 114-0002 (JP). KIMURA, Yoshihide [JP/JP]; c/o Product Development Research Laboratory of Nippon Paper Industries Co., Ltd., 5-21-1, Oji, Kita-ku, Tokyo 114-0002 (JP).
- (74) TANAKA, Hiroshi et al. / etc.; Hougaku Bldg. 7F, 19-14, Toranomon 1-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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ B41M 5/38, 5/40, H01L 51/56
- (11) WO 2004/087434 (13) A1
- (21) PCT/US2004/009187
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 60/458,058 **27 Mar/mar 2003** US
(27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESSES AND DONOR ELEMENTS FOR TRANSFERRING THERMALLY SENSITIVE MATERIALS TO SUBSTRATES
• TECHNIQUES ET ELEMENTS DONNEURS POUR TRANSFÉRER DES MATERIAUX THERMIQUEMENT SENSIBLES VERS DES SUBSTRATS PAR IMAGERIE THERMIQUE
- (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) FINCHER, Graciela, Blanchet [US/US]; 8 Pheasant Ridge South, Greenville, DE 19807 (US).
- (74) SIEGELL, Barbara, C.; 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)⁷ B41M 7/00, 5/00

(11) WO 2004/087435 (13) A1

(21) PCT/IL2003/001113

(22) 30 Dec/déc 2003 (30.12.2003)

(25) en (26) en

(30) 60/458,968 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD AND MEDIA FOR PRINT-
ING AQUEOUS INK JET INKS ON
PLASTIC SURFACES

- PROCEDE ET MATIERES PERMET-
TANT L'IMPRESSION PAR JET
D'ENCRE DE SURFACES PLAS-
TIQUES AU MOYEN D'ENCRE
AQUEUSES

- (71) CREO IL. LTD. [IL/IL]; 3 Hamada Street,
P.O. Box 330, 46103 Herzlia B (IL).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) FIGOV, Murray [IL/IL]; 2/18 Schwartz
Street, 43213 Ra'anana (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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ B42D 9/00

(11) WO 2004/087436 (13) A1

(21) PCT/CN2004/000066

(22) 18 Jan/jan 2004 (18.01.2004)

(25) zh (26) zh

(30) 03229920.6 1 Apr/avr 2003 CN
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • BOOKMARK
• SIGNET

- (71, 72) MENG, Qingtao [CN/CN]; 704 Room 3
Building 1560 Lane, Changdao Road, Pudong
District, Shanghai 201206 (CN).

- (74) CHINA SINDA INTELLECTUAL PROP-
ERTY LTD.; B11th Floor, Focus Place, 19
Financial Street, Beijing 100032 (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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ B42D 15/00

(11) WO 2004/087437 (13) A1

(21) PCT/CH2004/000211

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 618/03 4 Apr/avr 2003 CH
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SAFETY MARKING
• MARQUE CARACTERISTIQUE DE SE-
CURITE

- (71) LANDQART [CH/CH]; Kantonsstrasse,
CH-7302 Landquart (CH).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) FRANKEN, Klaus [DE/CH]; Reb-
haldenweg 78, CH-7206 Igis (CH).

- (74) BREMI, Tobias; Isler & Pedrazzini AG,
Gothardstrasse 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).

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(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-094870 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • INSTALLATION STRUCTURE FOR
ELECTRONIC COMPONENT FOR
TIRE
• STRUCTURE D'INSTALLATION D'UN
COMPOSANT ELECTRIQUE POUR
PNEUMATIQUE

- (71) THE YOKOHAMA RUBBER CO., LTD.
[JP/JP]; 36-11, Shimbashi 5-chome, Mi-
nato-ku, Tokyo 1058685 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) SHIMURA, Kazuhiro [JP/JP]; c/o The
Yokohama Rubber Co., Ltd., Hiratsuka Fac-
tory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa
2548601 (JP).

- (74) OGAWA, Shin-ichi et al. / etc.; Ogawa,
Noguchi & Saika International Patent Office,
Toranomon 11 Mori Building, 6-4, Tora-
nomon 2-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)⁷ B60C 23/04

(11) WO 2004/087439 (13) A1

(21) PCT/JP2004/004059

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-094798 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SENSOR DEVICE FOR TIRE
• CAPTEUR POUR PNEUMATIQUE

- (71) THE YOKOHAMA RUBBER CO., LTD.
[JP/JP]; 36-11, Shimbashi 5-chome, Mi-
nato-ku, Tokyo 1058685 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) SHIMURA, Kazuhiro [JP/JP]; c/o The
Yokohama Rubber Co., Ltd., Hiratsuka Fac-
tory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa
2548601 (JP).

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Noguchi & Saika International Patent Office,
Toranomon 11 Mori Building, 6-4, Tora-
nomon 2-chome, Minato-ku, Tokyo 1050001
(JP).

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BW BY BZ CA CH CN 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)⁷ B60C 23/04

(11) WO 2004/087440 (13) A1

(21) PCT/JP2004/004124

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-094884 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SENSOR SYSTEM FOR TIRE

• SYSTEME DE CAPTEUR POUR PNEU

(71) THE YOKOHAMA RUBBER CO. LTD.
[JP/JP]; 36-11, Shimbashi 5-chome, Mi-
nato-ku, Tokyo 1058685 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SHIMURA, Kazuhiro [JP/JP]; c/o The
Yokohama Rubber Co., Ltd. Hiratsuka Fac-
tory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa
2548601 (JP).(74) OGAWA, Shin-ichi et al. / etc.; Ogawa,
Noguchi & Saika International Patent Office,
Toranomon 11 Mori Building, 6-4, Tora-
nomon 2-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)⁷ B60C 23/12

(11) WO 2004/087441 (13) A1

(21) PCT/JP2003/015820

(22) 10 Dec/déc 2003 (10.12.2003)

(25) ja (26) ja

(30) 2003-90079 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOMATIC AIR SUPPLY MECHA-
NISM OF PNEUMATIC TIRE• MECANISME AUTOMATIQUE
D'ALIMENTATION EN AIR POUR
DES PNEUS(71, 72) NAKANO, Takaji [JP/JP]; 8, Tajii, Mi-
hara-cho, Minamikawachi-gun, Osaka 587-
0012 (JP).(74) TAGAWA, Koichi; Nisshin Bldg. 5F.,
1-14-22, Shitennoji, Tennoji-ku, Osaka-shi,
Osaka 543-0051 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID 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 PGPH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC 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)⁷ B60C 23/12

(11) WO 2004/087442 (13) A1

(21) PCT/JP2004/003792

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-090079 28 Mar/mar 2003 JP
(28.03.2003)(30) PCT/JP03/15820 10 Dec/déc 2003 JP
(10.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOMATIC AIR-FEEDING MECHA-
NISM FOR PNEUMATIC TIRE• MECANISME D'ALIMENTATION EN
AIR AUTOMATIQUE POUR UN PNEU-
MATIQUE(71, 72) NAKANO, Takaji [JP/JP]; 8, Tajii,
Mihara-cho, Minamikawachi-gun, Osaka
5870012 (JP).(74) TAGAWA, Koichi; Nisshin Bldg., 5F.,
1-14-22, Shitennoji, Tennoji-ku, Osaka-shi,
Osaka 5430051 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B60F 3/00, B60G 21/055

(11) WO 2004/087443 (13) A1

(21) PCT/GB2004/001422

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307318.6 31 Mar/mar 2003 GB
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AMPHIBIOUS VEHICLE SUSPENSION

• SUSPENSION DE VEHICULE AMPHI-
BIE(71) GIBBS TECHNOLOGIES LTD. [GB/GB];
Avenue Road, Nuneaton, Warwickshire
CV11 4LY (GB). GIBBS TECHNOLO-
GIES LTD.; La Motte Chambers, St. Helier,
Jersey JE1 1BJ (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) REES, Philip, Frederick [GB/GB]; 40
Linden Avenue, Kidderminster, Worces-
ter-shire DY10 3AA (GB). MUDD, Anthony,
Roy [GB/GB]; 19 Falmouth Close, Horeston
Grange, Nuneaton, Warwickshire CV11 6GB
(GB).(74) BAIN SMITH, Timothy; Wickens Manor,
Charing, Nr Ashford, Kent, TN27 0DT (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)⁷ B60G 11/23, F16F 7/06, 1/38, 1/48, B62K
25/00

(11) WO 2004/087444 (13) A1

(21) PCT/AU2004/000408

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003901469 31 Mar/mar 2003 AU
(31.03.2003)(30) 2003905170 23 Sep/sep 2003 AU
(23.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SHOCK ABSORBING ASSEMBLY

• ENSEMBLE AMORTISSEUR DE CHOC

(71) POLYKINETICS PTY LTD [AU/AU]; 128
Hay Street, Subiaco, Western Australia 6008
(AU).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HUGGETT, Paul, Graeme [AU/AU];
32 Riverside Lane, Armadale, Western Aus-
tralia 6112 (AU).(74) GRIFFITH HACK; 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).(51)⁷ B60G 17/052

(11) WO 2004/087445 (13) A1

(21) PCT/EP2004/003325

- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) de (26) de
- (30) 103 14 570.2 **31 Mar/mar 2003 DE (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DECENTRALIZED, CLOSED LEVEL REGULATING DEVICE FOR MOTOR VEHICLES
• DISPOSITIF DE REGULATION DE NIVEAU FERME DECENTRALISE POUR VEHICULES AUTOMOBILES
- (71) **BF CONSULTING GMBH** [DE/DE]; Wal-lensteinstr. 7, 82538 Geretsried (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUDZULIC, Miro** [DE/DE]; Hochgarten 29, 83512 Wasserburg (DE).
- (74) **FISCHER, Matthias** et al. / etc.; Schroeter Lehmann Fischer & Neugebauer, Wolfrat-shauser Str. 145, 81479 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)
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(i) for all designations / pour toutes les désignations
-
- (51)⁷ **B60G 21/055, 17/015**
- (11) **WO 2004/087446** (13) A1
- (21) PCT/EP2004/003099
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) de (26) de
- (30) 103 14 251.7 **29 Mar/mar 2003 DE (29.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CHASSIS CONTROL
• RÉGULATION DE SUSPENSION
- (71) **DAIMLERCHRYSLER AG** [DE/DE]; Ep-plestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DÖRR, Ernst-Ludwig** [DE/DE]; Wald-meisterweg 18, 70186 Stuttgart (DE). **RÜDT, Wolfgang** [DE/DE]; Auf der Lug 47, 71726 Benningen (DE). **SHINODA, Kenji** [JP/DE]; Karl-Pfaff-Strasse 32, 70597 Stuttgart (DE). **SPINDLER, Hans** [DE/DE]; Erzgebirgsweg 35/1, 70736 Fellbach (DE).
- (74) **PFEFFER, Frank** et al. / etc.; Daimler-Chrysler AG, Intellectual Property Manage-ment, 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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- (51)⁷ **B60H**
- (11) **WO 2004/087447** (13) A2
- (21) PCT/JP2003/014368
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 2002-383850 **17 Dec/déc 2002 JP (17.12.2002)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • AUTOMOBILE AIR CONDITIONER
• CLIMATISATION POUR VEHICULES
- (71, 72) **AKADA, Hiroaki** [JP/JP]; 7-21, Hagin-odai 3-chome, Ikoma-city, Nara 630-0224 (JP).
- (81) AE AG AL AU BA BB BR BY BZ CA CN CO CR CU DM DZ EC GD GE HR ID IL IN IS KP KR LC LK LR LT LV MA MG MK MN MX MZ NI NO NZ OM PG PH PL SC SG SY TR TT UA US UZ VC VN YU ZA.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 : (n)
- Declarations / Déclarations :
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(v) for all designations / pour toutes les désignations*
-
- (51)⁷ **B60H 1/00, F28D 1/04**
- (11) **WO 2004/087448** (13) A1
- (21) PCT/EP2004/002969
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) de (26) de
- (30) 103 15 733.6 **4 Apr/avr 2003 DE (04.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DEVICE FOR EXCHANGING HEAT
• DISPOSITIF D'ECHANGE DE CHA-LEUR
- (71) **BEHR GMBH & CO. KG** [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HALDER, Prasanta** [IN/DE]; Wiesenäckerstrasse 26, 71254 Ditzin-gen-Heimerdingen (DE). **KOUKOURAVAS, Evripidis** [GR/DE]; Teckstrasse 6, 72654 Neckartenzlingen (DE).
- (74) **BEHR GMBH & CO. KG**; Intellectual Property, G-IP, Mauserstrasse 3, 70469 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).
- Published / Publiée : (c)
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-
- (51)⁷ **B60J**
- (11) **WO 2004/087449** (13) A2
- (21) PCT/US2004/009058
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 10/397,618 **26 Mar/mar 2003 US (26.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • REDUCED AERODYNAMIC DRAG TRUCK GATE
• HAYON ARRIERE DE CAMION A TRAINEE AERODYNAMIQUE RE-DUITE
- (71, 72) **BARRY, Brian, S** [US/US]; 52 West Street, Wilmington, MA 01887 (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)⁷ **B60J 5/04, B60R 13/00**
- (11) **WO 2004/087450** (13) A1
- (21) PCT/EP2004/003381
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) de (26) de
- (30) 103 15 805.7 **31 Mar/mar 2003 DE (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MOTOR VEHICLE DOOR AND MOD-ULE SUPPORT
• PORTE DE VEHICULE AUTOMOBILE ET SUPPORT MODULAIRE

(71) **FAURECIA INNENRAUM SYSTEME GMBH** [DE/DE]; Faureciastrasse 1, 76767 Hagenbach (DE).
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(72, 75) **HERMANN, Marko** [DE/DE]; Am Sommerberg 14, 37269 Eschwege-Oberduenezbach (DE).

(74) **PFENNING MEINIG & PARTNER GBR**; Joachimstaler Strasse 10-12, 10719 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 VN YU ZA ZM ZW.

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

(51)⁷ **B60J 7/00**

(11) **WO 2004/087451** (13) A2

(21) PCT/US2004/009137

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/457,951 **27 Mar/mar 2003 US (27.03.2003)**

(30) 10/679,944 **6 Oct/oct 2003 US (06.10.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **SOFT COVER FOR VEHICLES AND PROCESS FOR MAKING**
• **CAPOTE EN MATERIAU SOUPLE POUR VEHICULE**

(71) **OMNOVA SOLUTIONS INC.** [US/US]; 175 Ghent Road, Fairlawn, OH 44333-3300 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JARRARD, Brian** [US/US]; 171 Cedar Lane, Columbus, MS 39702 (US). **BARKLEY, John** [US/US]; 129 Quail Run Drive, Columbus, MS 39702 (US). **BELL, William** [US/US]; 3616 Highway 82, Ethelsville, AL 35461 (US). **NIX, Anthony** [US/US]; Royal Cliff Garden Condos, Unit 20 C/C, Kao Protamnak Road, South Pattaya, Banglamung, 20260 Chonburi (TH). **FISHEL, David** [US/US]; 57 East Jenison Rd., Caledonia, MS 39740 (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 VN YU ZA ZM ZW.

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

(51)⁷ **B60K 15/035**

(11) **WO 2004/087452** (13) A1

(21) PCT/CA2004/000494

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 60/459,351 **1 Apr/avr 2003 US (01.04.2003)**

(30) 10/812,874 **31 Mar/mar 2004 US (31.03.2004)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **VEHICLE INCLUDING A FLUID ACTUATED FUEL TANK ISOLATION VALVE**
• **VEHICULE COMPORTANT UNE SOUPAPE D'ISOLATION DE RESERVOIR DE CARBURANT A ACTIONNEMENT FLUIDIQUE**

(71) **SIEMENS VDO AUTOMOTIVE INC.** [CA/CA]; 700 Park Avenue East, Chatham, Ontario N7M 5M7 (CA).

(72) **BALSDON, David W.**; 20 Plantation Place, Chatham, Ontario N7M 6G7 (CA).

(74) **MACRAE & CO.**; P.O. Box 806, Station B, Ottawa, Ontario K1P 5T4 (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 VN YU ZA ZM ZW.

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

(51)⁷ **B60K 17/16, F16H 48/30**

(11) **WO 2004/087453** (13) A1

(21) PCT/EP2004/050434

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) BO2003A000199 **4 Apr/avr 2003 IT (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **REAR-DRIVE VEHICLE WITH AN ELECTRONICALLY CONTROLLED SELF-LOCKING DIFFERENTIAL**
• **VEHICULE A TRACTION ARRIERE COMPRENANT UN DIFFERENTIEL A AUTO-VERROUILLAGE A COMMANDE ELECTRONIQUE**

(71) **FERRARI S.p.A.** [IT/IT]; Via Emilia Est, 1163, I-41100 MODENA (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BALDET, Franck** [FR/IT]; Via Vandelletti, 499, I-41050 TORRE MAINA (IT).

(74) **JORIO, Paolo et al.** / etc.; 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ **B60K 31/00**

(11) **WO 2004/087454** (13) A1

(21) PCT/DE2004/000618

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) de (26) de

(30) 103 14 119.7 **28 Mar/mar 2003 DE (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **METHOD FOR ADJUSTING THE SPEED OF A MOTOR VEHICLE ACCORDING TO RISK AND DEVICE FOR CARRYING OUT SAID METHOD**
• **PROCEDE DE REGLAGE DE LA VITESSE D'UN VEHICULE AUTOMOBILE EN FONCTION DES RISQUES ET EQUIPEMENT CORRESPONDANT**

(71, 72) **BASTIAN, Dieter, Dr** [DE/DE]; Hafenstrasse 11, 19055 Schwerin (DE).

(72, 75) **EISENREICH, Ralf** [DE/DE]; Agricola-Strasse 14, 09559 Freiberg (DE).

(74) **JAAP, Reinhard**; Buchholzallee 32, 19370 Parchim (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)⁷ **B60K 35/00**

(11) **WO 2004/087455** (13) A1

(21) PCT/JP2004/002224

(22) **25 Feb/fév 2004 (25.02.2004)**

(25) ja (26) ja

(30) 2003-094021 **31 Mar/mar 2003** JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE

(71) NIPPON SEIKI CO., LTD. [JP/JP]; 2-34, higashi-zaoh 2-chome, Nagaoka-shi, Niigata, 9408580 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UMEZAWA, Yukio [JP/JP]; C/o R & d Center Of Nippon Seiki Co., Ltd. 190-1, fujihashi 1-chome, Nagaoka-shi, Niigata, 9402141 (JP). EJIRI, Takeshi [JP/JP]; C/o R & d Center Of Nippon Seiki Co., Ltd. 190-1, fujihashi 1-chome, Nagaoka-shi, Niigata, 9402141 (JP). UCHIYAMA, Tadahiyo [JP/JP]; C/o R & d Center Of Nippon Seiki Co., Ltd. 190-1, fujihashi 1-chome, Nagaoka-shi, Niigata, 9402141 (JP). KOBAYASHI, Tetsuya [JP/JP]; C/o R & d Center Of Nippon Seiki Co., Ltd. 190-1, fujihashi 1-chome, Nagaoka-shi, Niigata, 9402141 (JP). TAKATO, Katsuei [JP/JP]; C/o R & d Center Of Nippon Seiki Co., Ltd. 190-1, fujihashi 1-chome, Nagaoka-shi, Niigata, 9402141 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ B60K 41/02

(11) WO 2004/087456 (13) A1

(21) PCT/DE2004/000658

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 14 953.8 **2 Apr/avr 2003** DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR CONTROLLING A DRIVE TRAIN

• PROCEDE ET DISPOSITIF POUR COMMANDER UNE TRANSMISSION

(71) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RENFER, Alexander [DE/DE]; Langmattenweg 9, 77815 Bühl (DE).

(74) LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG; Industriestrasse 3, 77815 Bühl (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)⁷ B60L 11/00, 11/18

(11) WO 2004/087457 (13) A1

(21) PCT/CN2004/000310

(22) 5 Apr/avr 2004 (05.04.2004)

(25) zh (26) zh

(30) 03230103.0 **3 Apr/avr 2003** CN
(03.04.2003)

(30) 03230312.2 **9 Apr/avr 2003** CN
(09.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRIC VEHICLE

• VEHICULE ELECTRIQUE

(71) LETRIX POWER HANGZHOU PTY LTD. [CN/CN]; The No.3 Workshop, Tonglu Economic Zone, Hangzhou, Zhejiang 310500 (CN).

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

(72, 75) RANGER, Scott [AU/AU]; 22 Edgehill Street, Nathan, QLD (AU).

(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).

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) B60N

(11) WO 2004/087458 (13) A2

(21) PCT/EP2004/002563

(22) 12 Mar/mar 2004 (12.03.2004)

(25) de (26) de

(30) 103 15 375.6 **3 Apr/avr 2003** DE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FITTING SYSTEM FOR A VEHICLE SEAT

• SYSTEME DE FERRURES DESTINE A UN SIEGE DE VEHICULE

(71) KEIPER GMBH & CO. KG [DE/DE]; Hertelsbrunnenring 2, 67657 Kaiserslautern (DE).

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

(72, 75) THIEL, Peter [DE/DE]; Schulstr. 7, 42899 Remscheid (DE). RABBACH, Andreas [DE/DE]; Bonner Str. 235, 42697 Solingen (DE).

(74) HELD, Thomas; Hosentien-Held und Dr. Held, Klopstockstr. 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 US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B60P 3/11, B64F 5/00

(11) WO 2004/087459 (13) A1

(21) PCT/NL2004/000210

(22) 29 Mar/mar 2004 (29.03.2004)

(25) nl (26) en

(30) 1023049 **31 Mar/mar 2003** NL
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RECOVERY VEHICLE AND RECOVERY SYSTEM FOR HEAVY LOADS SUCH AS AN AEROPLANE

• VEHICULE DE RECUPERATION ET SYSTEME DE RECUPERATION POUR DES CHARGES LOURDES TELLES QU'UN AERONEF

(71) TECHNISCHE UNIVERSITEIT DELFT [NL/NL]; Julianalaan 134, NL-2628 BC Delft (NL).

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

(72, 75) LODEWIJKS, Gabriel [NL/NL]; Hoofdkaanal OZ 102, NL-7881 CP Emmen-Compascuum (NL). VAN DEURSEN, Maurice [NL/NL]; Zuidpolderstraat 158, NL-2032 PJ Haarlem (NL). VAN DEURSEN, John [NL/NL]; Zegge 60, NL-1422 RB Uithoorn (NL).

(74) VAN BREDA, Jacques et al.; Octrooibureau Los En Stigter B.V., Weteringschans 96, NL-1017 XS Amsterdam (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)⁷ B60R

(11) WO 2004/087460 (13) A2

(21) PCT/US2004/009082

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,650 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VEHICLE MIRROR ASSEMBLY
• SYSTEME DE MIROIR POUR VEHICULE

(71, 72) BERGER, Constance, F. [US/US]; 7117 Pelican Bay Blvd., Apt. 804, Naples, FL 34108 (US).

(72) BERGER, Russell; 147 Tower Avenue, Needham, MA 02494 (US).

(74) JOSEPHS, David, R. et al. / etc.; Barlow, Josephs & Holmes, Ltd., 5th floor, 101 Dyer Street, Providence, RI 02903 (US).

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

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

(51)⁷ B60R 1/04

(11) WO 2004/087461 (13) A1

(21) PCT/EP2004/002663

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 103 14 248.7 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REAR-VIEW MIRROR
• RETROVISEUR INTERIEUR

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-lestrasse 225, 70567 Stuttgart (DE).

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(72, 75) FLEMMING, André [DE/DE]; Herrenberger Strasse 23/1, 71154 Nufringen (DE). KRIEG, Karl-Heinz [DE/DE]; Sulzburgstrasse 3, 73268 Erkenbrechtsweiler (DE). KRUG, Martin [DE/DE]; Otto-Laible-Strasse 22, 76189 Karlsruhe (DE).

(74) BERGEN-BABINECZ, Katja 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)⁷ B60R 1/072

(11) WO 2004/087462 (13) A1

(21) PCT/NL2004/000168

(22) 19 Mar/mar 2004 (19.03.2004)

(25) nl (26) en

(30) 1022982 20 Mar/mar 2003 NL (20.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MIRROR SUPPORTING PLATE, MIRROR ADJUSTING MECHNISM, METHOD FOR MANUFACTURING A MIRROR SUPPORTING PLATE, AND METHOD FOR ASSEMBLING A MIRROR ADJUSTING MECHANISM
• PLAQUE DE SUPPORT DE MIROIR, MECANISME DE REGLAGE DE MIROIR, PROCEDE DE FABRICATION D'UNE PLAQUE DE SUPPORT DE MIROIR, ET PROCEDE D'ASSEMBLAGE D'UN MECANISME DE REGLAGE DE MIROIR

(71) IKU HOLDING MONTFOORT B.V. [NL/NL]; Waardsedijk Oost 9, NL-3417 XJ Montfoort (NL).

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(72, 75) BROUWER, Stefan, Frits [NL/NL]; Hollanderstraat 22, NL-2517 HK Den Haag (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 1/12

(11) WO 2004/087463 (13) A1

(21) PCT/NL2004/000214

(22) 30 Mar/mar 2004 (30.03.2004)

(25) nl (26) en

(30) 1023076 1 Apr/avr 2003 NL (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WING MIRROR UNIT AND ACTUATOR
• UNITE DE RETROVISEUR EXTÉRIEUR ET ACTIONNEUR

(71) IKU HOLDING MONTFOORT B.V. [NL/NL]; Waardsedijk Oost 9, NL-3417 XJ Montfoort (NL).

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

(72, 75) BROUWER, Stefan, Frits [NL/NL]; Hollanderstraat 22, NL-2517 HK Den Haag (NL). VANHOOF, Steven, John [US/NL]; Bremhorstlaan 6, NL-2244 ES Wassenaar (NL).

(74) WINCKELS, J., H., F.; Vereenigde, 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)⁷ B60R 7/04, B60J 5/04

(11) WO 2004/087464 (13) A1

(21) PCT/EP2004/002648

(22) 13 Mar/mar 2004 (13.03.2004)

(25) de (26) de

(30) 103 15 653.4 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STORAGE BAG FOR THE INTERIOR OF A VEHICLE, METHOD AND MATERIAL
• COMPARTIMENT DE RANGEMENT DESTINE A L'INTERIEUR D'UN VEHICULE, PROCEDE ET MATERIAU

(71) JOHNSON CONTROLS INTERIORS GMBH & CO. KG [DE/DE]; Konsumstrasse 45, 42285 Wuppertal (DE).

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

(72, 75) **SCHIDAN, Alexander** [DE/DE]; Bausmühlenstrasse 34, 42719 Solingen (DE). **MIEGLITZ, Hans-Helmut** [DE/DE]; Moosweg 16 D, 40789 Monheim (DE).

(74) **WOLFF, Felix et al.** / etc.; Kutzenberger & Wolff, Theodor-Heuss-Ring 23, 50668 Köln (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)⁷ **B60R 9/04**

(11) **WO 2004/087465** (13) A1

(21) PCT/EP2004/003390

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) de (26) de

(30) 103 14 680.6 **1 Apr/avr 2003** DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROOF RACK
• GALERIE DE TOIT

(71) **DAIMLERCHRYSLER AG** [DE/DE]; Eplestrasse 225, 70567 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOSLOWSKI, Heinz** [DE/DE]; Lindenstrasse 1, 70839 Gerlingen (DE). **MAISCH, Holger** [DE/DE]; Lettenstrasse 1, 71131 Jettingen (DE). **WEBER, Alexander** [DE/DE]; Wannenstrasse 5, 71296 Heimsheim (DE).

(74) **BERGEN-BABINECZ, Katja 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).

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(51)⁷ **B60R 16/02, H05K 1/11**

(11) **WO 2004/087466** (13) A1

(21) PCT/DE2004/000717

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) de (26) de

(30) 103 15 438.8 **3 Apr/avr 2003** DE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ARRANGEMENT OF ELECTRICAL AND/OR MECHANICAL COMPONENTS ON A LARGE, FLEXIBLE FOIL-TYPE CONDUCTOR AREA

• DISPOSITION D'ÉLÉMENTS ÉLECTRIQUES ET/OU MÉCANIQUES SUR UNE SURFACE CONDUCTRICE EN FEUILLE SOUPLE DE GRANDE DIMENSION

(71) **CONTI TEMIC MICROELECTRONIC GMBH** [DE/DE]; Sieboldstrasse 19, 90411 Nürnberg (DE).

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

(72, 75) **BÜYÜKBAS, Turhan** [TR/DE]; Elsnerrstrasse 2, 90443 Nürnberg (DE). **GRAMANN, Matthias** [DE/DE]; Leuzenberger Strasse 2, 91233 Neunkirchen a.S. (DE). **SCHARRER, Klaus** [DE/DE]; Mittelweg 12, 91224 Hohenstadt (DE). **GUTH, Peter** [DE/DE]; Bucher Strasse 9, 90419 Nürnberg (DE). **BUHL, Joachim** [DE/DE]; Austraße 52, 90429 Nürnberg (DE). **KLEIN, Dominik** [DE/DE]; Bierweg 37, 90411 Nürnberg (DE). **SCHUCH, Bernhard** [DE/DE]; Schlossbergstrasse 15, 91616 Neusitz (DE). **LIEBL, Thilo** [DE/DE]; Im Bärenwinkel 11, 91217 Hersbruck (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)⁷ **B60R 21/00**

(11) **WO 2004/087467** (13) A2

(21) PCT/FR2004/000750

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) fr (26) fr

(30) 03/03891 **28 Mar/mar 2003** FR
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR PROTECTION AGAINST IMPACT OF THE INFLATABLE BAG TYPE FOR THE FRONT FACE OF A MOTOR VEHICLE

• DISPOSITIF DE PROTECTION CONTRE LES CHOCs, DU TYPE SAC GONFLABLE, POUR UNE FACE AVANT DE VÉHICULE AUTOMOBILE

(71) **VALEO THERMIQUE MOTEUR** [FR/FR]; 8 rue Louis Lormand, F-78321 La Verrière (FR).

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

(72, 75) **HARAND, Pascal** [FR/FR]; 16 rue Kleber, F-78190 Trappes (FR). **LANARD, Jean-Louis** [FR/FR]; 49 Grasse Village, F-78310 Feucherolles (FR).

(74) **ROLLAND, Jean-Christophe**; Valeo Thermique Moteur, 8 rue Louis Lormand, F-78321 La Verrière (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)⁷ **B60R 21/01**

(11) **WO 2004/087468** (13) A1

(21) PCT/DE2004/000444

(22) **6 Mar/mar 2004 (06.03.2004)**

(25) de (26) de

(30) 103 14 676.8 **1 Apr/avr 2003** DE
(01.04.2003)

(30) 103 46 623.1 **8 Oct/oct 2003** DE
(08.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONTROL UNIT FOR A RESTRAINT SYSTEM

• UNITE DE CONTRÔLE POUR SYSTÈME DE RETENUE

(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) **SCHOU, Frank** [DE/DE]; Am Ochsenwald 17, 70565 Stuttgart (DE). **RINGGER, Klaus** [DE/DE]; Silcherstrasse 41, 72622 Nuertingen (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)⁷ **B60R 21/04**

(11) **WO 2004/087469** (13) A1

(21) PCT/EP2003/014964

(22) 30 Dec/déc 2003 (30.12.2003)

(25) de (26) de

(30) 103 14 603.2 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SHOCK-ABSORBING COVERING ELEMENT FOR THE INTERIOR OF MOTOR VEHICLES

• ELEMENT DE REVETEMENT ABSORBANT DES CHOCS ET DESTINE A L'INTERIEUR DE VEHICULES

(71) SAI AUTOMOTIVE SAL GmbH [DE/DE]; Daimlerstrasse 1, 76744 Wörth am Rhein (DE).

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

(72, 75) FRIES, Thomas [DE/DE]; Lortzingerstrasse 6b, 85098 Grossmehring (DE). PRATSCH, Thomas [DE/DE]; Kelttenring 8, 93336 Pondorf (DE).

(74) SCHATT, Markus, F.; Ruffinistrasse 8, 80637 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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) B60R 21/09, 25/04

(11) WO 2004/087470 (13) A1

(21) PCT/EP2004/000835

(22) 30 Jan/jan 2004 (30.01.2004)

(25) de (26) de

(30) 103 15 023.4 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR OPERATING A LOCOMOTIVE MEANS AND CORRESPONDING DEVICE

• PROCEDE POUR FAIRE FONCTIONNER UN MOYEN DE LOCOMOTION ET DISPOSITIF ASSOCIE

(71) VOLKSWAGEN AKTIENGESELLSCHAFT [DE/DE]; 38436 Wolfsburg (DE).

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

(72, 75) BORNGRÄBER, Ralf [DE/DE]; Leverkusener Str. 2, 38440 Wolfsburg (DE). FROHNE, Hans-Joachim [DE/DE]; Rübzahlgasse 5c, 38165 Lehre (DE).

(74) BANZER, Hans-Jörg; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B60R 21/16

(11) WO 2004/087471 (13) A1

(21) PCT/EP2004/003554

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03252170.0 4 Apr/avr 2003 EP
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVEMENTS IN OR RELATING TO AN AIR BAG

• PERFECTIONNEMENTS DANS ET CONCERNANT UN COUSSIN GONFLABLE

(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) MOORE, Jonathan [GB/GB]; 18 Rosemary Lane, Rowledge, Farnham, Surrey GU104DD (GB). GREEN, Christopher [GB/GB]; 7 East Meadow, Shoreham-By-Sea, Sussex BN43 5 RF (GB).

(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).

(51)⁷ B60R 21/20

(11) WO 2004/087472 (13) A1

(21) PCT/CZ2004/000019

(22) 2 Apr/avr 2004 (02.04.2004)

(25) cs (26) en

(30) PUV 2003-14103 3 Apr/avr 2003 CZ
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SAFETY AIR BAG

• COUSSIN DE SECURITE GONFLABLE

(71) HADRABOVA DVORAKOVA, Marketa [CZ/CZ]; Galandova 1237/11, 163 00 Praha 6 (CZ).

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(72, 75) HANULIAK, Alojz [CZ/CZ]; Krenova 14, 602 00 Brno (CZ).

(74) HOLASOVA, Hana; Krizova 4, 603 00 Brno (CZ).

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

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

(51)⁷ B60R 21/20, 21/16

(11) WO 2004/087473 (13) A1

(21) PCT/EP2003/014575

(22) 18 Dec/déc 2003 (18.12.2003)

(25) de (26) de

(30) 103 15 622.4 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SAFETY DEVICE IN THE SIDE LINING OF A VEHICLE

• DISPOSITIF DE SECURITE SITUÉ DANS UN HABILLAGE LATÉRAL DE VÉHICULE

(71) PEGUFORM GMBH & CO. KG [DE/DE]; Schlossmattenstrasse 18, 79268 Bötzingen (DE).

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(72, 75) GRÜNER, Engelbert [DE/DE]; Oberer Bichlweg 4, 92339 Beilngries (DE). BÜHLER, Hartmut [DE/DE]; Neunlindenstrasse 38, 79106 Freiburg (DE). FORSTHOFER, Konrad [DE/DE]; Schulstrasse 7, 93352 Laaberberg (DE).

(74) PEGUFORM GMBH & CO. KG; Schlossmattenstrasse 18, 79268 Bötzingen (DE).

(81) AE AG AU BA BR CA CN CO CR DM DZ GD GE HR ID IL IN IS JP KE KG KP KR LC LK LS LT LV MA MD MG MK MX NO NZ OM PH PL RU SG SL TN TT UA US VN 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 : AE AG AU BA BR CA CN CO CR DM DZ GD GE HR ID IL IN IS JP KE KG KP KR LC LK LS LT LV MA MD MG MK MX NO NZ OM PH PL RU SG SL TN TT UA VN 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 designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ B60R 21/34

(11) WO 2004/087474 (13) A1

(21) PCT/EP2004/002668

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 103 14 433.1 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR PROTECTING PERSONS DURING A FRONTAL COLLISION WITH A VEHICLE

- DISPOSITIF POUR PROTEGER DES PERSONNES LORS D'UN CHOC FRONTAL AVEC UN VEHICULE

(71) ISE INNOMOTIVE SYSTEMS EUROPE GMBH [DE/DE]; Othestrass 19, 51702 Bergneustadt (DE).

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(72, 75) MIKA, Frank [DE/DE]; Heddinghausen 37, 51588 Nümbrecht (DE). REX, Martin [DE/DE]; Kirchhardt 14, 51570 Windeck (DE). LANG, Jozsef [HU/HU]; Pajtás u. 30, H-1131 Budapest (HU). SCHULTE, Michael [DE/DE]; Friedrich-v.-Spee-Str. 1, 57462 Olpe (DE). RÖHNER, Stefan [DE/DE]; Strüningweg 23, 44287 Dortmund (DE). HARTEBRODT, Raphael [DE/DE]; Goethestrasse 9a, 57489 Drolshagen (DE).

(74) FUCHS, Jürgen, H. et al. / etc.; Söhnlein-strasse 8, 65201 Wiesbaden (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 :

(u) for / pour US only / seulement

(51)⁷ B60S 9/08

(11) WO 2004/087475 (13) A1

(21) PCT/EP2004/001891

(22) 26 Feb/fév 2004 (26.02.2004)

(25) de (26) de

(30) 203 05 175.0 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEIGHT-ADJUSTABLE SUPPORT FOR SEMITRAILERS OR THE LIKE

- MONTANT REGLABLE EN HAUTEUR POUR SEMI-REMORQUE OU SIMILAIRE

(71) GEORG FISCHER VERKEHRSTECHNIK GMBH [DE/DE]; Julius-Bührer-Strasse 12, 78221 Singen (DE).

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

(72, 75) RIEDL, Reinhold [DE/DE]; Von-Berlichingen-Strasse 3, 63897 Miltenberg (DE).

(74) WEISS, Wolfgang; Georg Fischer AG, Am-sler-Laffon-Strasse 9, CH-8201 Schaffhausen (CH).

(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)⁷ B60T 7/10

(11) WO 2004/087476 (13) A2

(21) PCT/EP2004/003592

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 103 15 233.4 3 Apr/avr 2003 DE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PARKING BRAKE LEVER UNIT

- UNITÉ DE LEVIER DE FREIN À MAIN

(71) FICO CABLES S.A. [ES/ES]; Technological Centre Pujol & Tarragó, Poligono Industrial Can Margarola, Ctra. C-17 km 13, E-08100 Mollet del Vallès (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARRIOS VILLÁ, Josep [ES/ES]; C/Bages 3, E-08233 Vacarisses (ES). TER-RADAS PRAT, Jaume [ES/ES]; C/Rosselló 492, 2^o 2a, E-08025 Barcelona (ES). SANCHEZ REVILLA, Eduardo [ES/ES]; C/Serra Camaro 18, E-08026 Sabadell (ES). GRAS, David, Alonso [ES/ES]; Av. Riús i Taulet 34, 3^o 3a, E-08190 Sant Cugat del Vallès (ES). PARDO ALOY, David [ES/ES]; Av. Bertomeu 27, E-08193 Bellaterra (ES). JORNET VIDAL, Jordi [ES/ES]; C/Galvani 110, 3^o 3a, E-08224 Terrassa (ES).

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

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

(51)⁷ B61B

(11) WO 2004/087477 (13) A2

(21) PCT/US2004/008796

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/456,962 25 Mar/mar 2003 US (25.03.2003)

(30) 10/000,000 19 Feb/fév 2004 US (19.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STABILIZER SUPPORT SYSTEM

- SYSTEME DE SUPPORT STABILISATEUR

(71, 72) MANZINI, Christopher [US/US]; 15029 Randall Lane, Williamsport, MD 21795 (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)⁷ B61F 5/14

(11) WO 2004/087478 (13) A2

(21) PCT/US2004/009025

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,311 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RIDE CONTROL CONSTANT CONTACT SIDE BEARING ARRANGEMENT

- AGENCEMENT DE PALIER LATERAL A CONTACT CONSTANT DE REGULATION D'ASSIETTE

(71) ASF-KEYSTONE, INC. [US/US]; 1700 Walnut Street, Granite City, Illinois 62040 (US).

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(72, 75) SCHORR, Ralph, H. [US/US]; 3413 Wilderness Drive, Edwardsville, IL 62025 (US). SCHNIERS, Dan [US/US]; 213 West Main Street, Damiansville, IL 62215 (US).

(74) BROWN, Christopher, W. et al. / etc.; c/o Oliff & Berridge PLC, P.O. Box 19928, Alexandria, Virginia 22320 (US).

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

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

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

(51)⁷ B61K

(11) WO 2004/087479 (13) A2

(21) PCT/US2004/009404

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,416 25 Mar/mar 2003 US
(25.03.2003)(30) 60/494,534 12 Aug/août 2003 US
(12.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TROLLEY SYSTEM FOR A RAILWAY
BOXCAR DOOR

• SYSTEME DE CHARIOT POUR PORTE
DE WAGON COUVERT DE CHEMIN
DE FER

(71) DTE RAIL SERVICES, INC. [US/US];
425 South Main Street, Suite 201, Ann Arbor,
MI 48104 (US).

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

(72, 75) BIGDA, Daniel [US/US]; 41339 Saal
Road, Sterling Heights, MI 48313-3562
(US). SULLIVAN, Caleb [US/US]; 36725
Millbrook Court, Clinton Township, MI
48035-1146 (US). MAYHEW, Craig, M.
[US/US]; 107 Jupiter, Alda, NE 68810 (US).

(74) BALDAUF, Kent, E., Jr. et al. / etc.; Webb
Ziesenheim Logsdon Orkin & Hanson, P.C.,
700 Koppers Building, 436 Seventh Avenue,
Pittsburgh, PA 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)⁷ B62B 9/28

(11) WO 2004/087480 (13) A1

(21) PCT/CH2004/000213

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 603/03 4 Apr/avr 2003 CH
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ADDITIONAL CHILD SEAT FOR A
STROLLER

• SIEGE D'ENFANT ADDITIONNEL
POUR VOITURE D'ENFANT

(71, 72) ZUPAN, Peter [CH/CH]; Raindlweg 8,
CH-6315 Oberägeri (CH).

(74) SCHMAUDER & PARTNER AG; Zwangi-
weg 7, CH-8038 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)⁷ B62B 13/00

(11) WO 2004/087481 (13) A1

(21) PCT/US2004/009513

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/405,597 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ARTICULATED STEERING SLED
• TRAINEAU ARTICULE

(71, 72) TWITCHELL, Owen, Atkinson Casto
[US/US]; 715 N.W. 67th Street, N/A, Red-
mond, OR 97756 (US).

(74) BROWN, GLENN C.; 777 N.W. Wall
Street, Suite 308, Bend, OR 97701 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ B62D

(11) WO 2004/087482 (13) A2

(21) PCT/US2004/009063

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,701 28 Mar/mar 2003 US
(28.03.2003)

(30) 10/807,752 23 Mar/mar 2004 US
(23.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VEHICLE SPEED DEPENDENT COM-
PENSATOR FOR ELECTRIC STEER-
ING SYSTEMS

• COMPENSATEUR DEPENDANT DE
LA VITESSE DU VEHICULE POUR
SYSTEMES DE DIRECTION ELEC-
TRIQUES

(71) DELPHI TECHNOLOGIES, INC.
[US/US]; Legal Staff Mail Code 480-
410-202, Post Office Box 5052, Troy, MI
48007-5052 (US).

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les États désignés sauf US)

(71, 72) KATCH, Gregory, James [US/US];
7485 Windwood Beach, Linden, MI 48706
(US). WITTIG, William, Henry [US/US];
5571 Cathedral Drive, Saginaw, MI 48603
(US). PATTOCK, Kathryn, Lynn [US/US];
3776 Chipping Norton, Saginaw, MI 48603
(US). KLEINAU, Julie, Ann [US/US]; 3233
Old Kawkawlin Road, Bay City, MI 48706
(US).

(74) SMITH, Michael, D.; Delphi Technologies,
Inc., Legal Staff Mail Code 480-410-202,
Post Office Box 5052, Troy, MI 48007-5052
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC 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)⁷ B62D 1/00

(11) WO 2004/087483 (13) A2

(21) PCT/IB2004/001263

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 0307468.9 1 Apr/avr 2003 GB
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED STEERING COLUMN AS-
SEMBLY

• ENSEMBLE COLONNE DE DIREC-
TION PERFECTIONNEE

(71) LUCAS AUTOMOTIVE GMBH
[DE/DE]; Karl-Spaeter Strasse 8, 56070
Koblenz (DE).

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les États désignés sauf US)

(72, 75) OP DEN CAMP, Eckart [DE/DE];
Kemperhofweg 17, 56073 Koblenz (DE).

(74) TRANTER, Andrew.; 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).

(51)⁷ B62D 1/04, B60K 28/00, B60T 8/00

(11) WO 2004/087484 (13) A1

(21) PCT/EP2004/050433

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) BO2003A 000198 4 Apr/avr 2003 IT
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • VEHICLE WITH A VEHICLE DYNAMIC PERFORMANCE SELECTION SWITCH ON THE STEERING WHEEL
• VEHICULE POUR VU SUR LE VOLANT D'UN COMMUTATEUR DE SELECTION A PERFORMANCE DYNAMIQUE

(71) FERRARI S.P.A. [IT/IT]; Via Emilia Est, 1163, I-41100 Modena (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALDET, Franck [FR/IT]; Via Vandellic, 499, I-41050 Torre Maina (IT).

(74) JORIO, Paolo et al. / etc.; 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).

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(51)⁷ B62D 3/12

(11) WO 2004/087485 (13) A1

(21) PCT/EP2004/002105

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 103 14 358.0 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • RACK AND PINION STEERING

- DIRECTION A CREMAILLE

(71) INA-SCHAEFFLER KG [DE/DE]; Industriestrasse 1-3, 91074 Herzogenaurach (DE).

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

(72, 75) ABRAHAM, Uwe [DE/DE]; West-
erwaldstrasse 17a, 45665 Recklinghausen
(DE). JENNES, Peter [DE/DE]; Hermül-
heimerstrasse 29, 50969 Köln (DE).

(74) INA-SCHAEFFLER KG; Industriestrasse
1-3, 91074 Herzogenaurach (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 : (a)

(51)⁷ B62D 5/32, 5/04, 5/06

(11) WO 2004/087486 (13) A1

(21) PCT/EP2004/003318

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 203 05 308.7 1 Apr/avr 2003 DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SEER-BY-WIRE STEERING SYSTEM
FOR A MOTOR VEHICLE

- SYSTEME DE DIRECTION ≤
STEER-BY-WIRE ≥ POUR VEHICULE
AUTOMOBILE

(71) TRW AUTOMOTIVE GMBH [DE/DE];
Industriestrasse 20, 73553 Alfdorf (DE).

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

(72, 75) SEEWALD, Alois [DE/DE]; Zur Hain-
buche 16, 47804 Krefeld (DE). BÖCKER,
Martin [DE/DE]; Hermann-Löns-Strasse 12,
41352 Korschenbroich (DE).

(74) STRASS, Jürgen; Prinz & Partner GbR,
Manzingerweg 7, 81241 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ B62D 25/08, B60K 11/08

(11) WO 2004/087487 (13) A1

(21) PCT/EP2004/001391

(22) 13 Feb/fév 2004 (13.02.2004)

(25) de (26) de

(30) 103 15 379.9 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • FRONT END OF A MOTOR VEHICLE
• AVANT-CORPS D'AUTOMOBILE

(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOHN, Michael [DE/DE]; Ahornstrasse
8, 71384 Weinstadt (DE). JAKOBS, Hol-
ger [DE/DE]; Ulmenstrasse 24/2, 71088
Holzgerlingen (DE). KONERMANN, Mar-
tin [DE/DE]; Tuttlinger Strasse 142, 70619
Stuttgart (DE).

(74) BRÜCKNER, Ingo et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, 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)⁷ B62J 1/02

(11) WO 2004/087488 (13) A1

(21) PCT/ZA2003/000045

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • BICYCLE SEAT ASSEMBLY
• ENSEMBLE SELLE DE BICYCLETTE

(71, 72) LAWSON, Donald, Garth [ZA/ZA]; 10
Church Square, Leisure Isle, South Africa,
6571 KNYSNA (ZA).

(74) MORRISON FORSTER INC.; FMI
House, Gleneagles Park, 10 Flanders Drive,
Mount Edgecombe, Kwa Zulu Natal, P O
Box 2004, Mount Edgecombe, Kwa Zulu
Natal, 4300 DURBAN (ZA).

(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)⁷ B62J 1/28

(11) WO 2004/087489 (13) A1

(21) PCT/JP2004/004367

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-97321 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GRAB RAIL FOR TWO-WHEELED MOTOR VEHICLE

• RAIL DE MAINTIEN POUR VEHICULE MOTORISE A DEUX ROUES

(71) HONDA MOTOR CO., LTD. [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).

(72) IIDA, Omi; c/o K.K. Hon-da Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0193 (JP). MOLINEE, Srettha; c/o Honda R & D Southeast, Asia Co., Ltd., 17th Floor, United Center Building, 323, Silom Road, 10500 Bangkok (TH).

(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)⁷ B62J 39/00, 6/00, G01C 22/00, G01D 21/02

(11) WO 2004/087490 (13) A2

(21) PCT/US2004/008556

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/458,473 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTEGRATED POWER, LIGHTING, AND INSTRUMENTATION SYSTEM FOR BICYCLES

• SYSTEME D'ALIMENTATION, D'ECLAIRAGE ET D'INSTRUMENTATION INTEGRE POUR BICYCLETES

(71, 72) ACRES, John, F. [—/US]; 4386 Crescent Valley Drive, Corvallis, OR 97330 (US).

(74) ROSS, Kevin, S. et al. / etc.; Marger Johnson & McCollom PC, 1030 SW Morrison Street, Portland, OR 97205 (US).

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

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

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

(51)⁷ B62K 3/00

(11) WO 2004/087491 (13) A2

(21) PCT/FR2004/000702

(22) 23 Mar/mar 2004 (23.03.2004)

(25) fr (26) fr

(30) 03/03838 28 Mar/mar 2003 FR (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LAND VEHICLE, SUCH AS A SCOOTER, COASTER OR THE LIKE

• VEHICULE TERRESTRE DU TYPE TROTINETTE, PATINETTE OU ANALOGUE

(71) LINDEROTH, Carl, Fredrik [SE/CH]; Jupiterstrasse 48, CH-8032 Zürich (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) LINDEROTH, Elisabeth [SE/FR]; 9, rue du Dobropol, F-75017 Paris (FR).

(74) FLAVENOT, Bernard; Abritt, 17, rue du Dr Charcot, F-91290 La Norville (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)⁷ B62K 15/00

(11) WO 2004/087492 (13) A1

(21) PCT/GB2004/000937

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 0307432.5 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRAILABLE FOLDING BICYCLE

• BICYCLETTE PLIABLE TRACTABLE

(71) KARBON KINETICS LIMITED [GB/GB]; 202 West Block, Forum Magnum Square, London SE1 7GL (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) THORPE, Richard [GB/GB]; 202 West Block, Forum Magnum Square, London SE1 7GL (GB).

(74) BERESFORD, Keith, Denis, Lewis et al. / etc.; 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)⁷ B62M 11/16, B62K 25/32

(11) WO 2004/087493 (13) A1

(21) PCT/GB2004/000941

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 0307429.1 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BICYCLE

• BICYCLETTE

(71) KARBON, KINETICS LIMITED [GB/GB]; 202 West Block, Forum Magnum Square, London SE1 7GL (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) THORPE, Richard [GB/GB]; 202 West Block, Forum Magnum Square, London SE1 7GL (GB).

(74) BERESFORD, Keith, Denis, Lewis; 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).

Published / Publiée : (c)

(51)⁷ B63B 35/00, 27/00

(11) WO 2004/087494 (13) A2

(21) PCT/DK2004/000237

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) PA 2003 00515 4 Apr/avr 2003 DK (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A VESSEL FOR TRANSPORTING WIND TURBINES, METHODS OF

MOVING A WIND TURBINE, AND A WIND TURBINE FOR AN OFF-SHORE WIND FARM

- NAVIRE POUR LE TRANSPORT D'EOLIENNES, PROCEDES DE DEPLACEMENT D'EOLIENNE ET EOLIENNE POUR CENTRALE EOLIENNE EN MER

(71) **LOGIMA V/SVEND ERIK HANSEN** [DK/DK]; Brøndbyvester Strandvej 11, DK-2660 Brøndby Strand (DK).

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

(72, 75) **HANSEN, Svend, Erik** [DK/DK]; Brongyvester Strandvej 11, DK-2660 Brøndby Strand (DK).

(74) **INDAHL, Peter et al.** / etc.; International Patent-Bureau A/S, Høje Taastrup Boulevard 23, DK-2630 Taastrup (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).

(51)⁷ B63C 7/00

(11) **WO 2004/087495** (13) A2

(21) PCT/FR2004/000742

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) fr (26) fr

(30) 03/03969 **26 Mar/mar 2003** FR (26.03.2003)

(30) 03/358019.2 **27 Nov/nov 2003** EP (27.11.2003)

(30) 04/358002.6 **26 Feb/fév 2004** EP (26.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE AND METHOD FOR STABILISING AND CONTROLLING THE LOWERING OR RAISING OF A HEAVY STRUCTURE BETWEEN THE SURFACE AND THE BED OF THE SEA

- DISPOSITIF ET PROCEDE DE STABILISATION ET DE CONTROLE DE LA DESCENTE OU REMONTEE D'UNE STRUCTURE LOURDE ENTRE LA SURFACE ET LE FOND DE LA MER

(71) **SAIPEM S.A.** [FR/FR]; 1/7, avenue San Fernando, F-78180 Montigny le Bretonneux (FR).

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

(72, 75) **BAYLOT, Michel** [FR/FR]; 20, Impasse de la Planche, F-13008 Marseille (FR).

(74) **DOMANGE, Maxime**; Cabinet Beau de Lomenie, 232, avenue du Prado, F-13295 Marseille Cedex 8 (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)⁷ B63C 7/16

(11) **WO 2004/087496** (13) A2

(21) PCT/FR2004/000741

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) fr (26) fr

(30) 03/03969 **26 Mar/mar 2003** US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BUOYANCY DEVICE AND METHOD FOR STABILIZING AND CONTROLLING LOWERING OR RAISING OF A STRUCTURE BETWEEN THE SURFACE AND THE SEA FLOOR

- DISPOSITIF DE FLOTTABILITE ET PROCEDE DE STABILISATION ET DE CONTROLE DE LA DESCENTE OU REMONTEE D'UNE STRUCTURE ENTRE LA SURFACE ET LE FOND DE LA MER

(71) **SAIPEM S.A.** [FR/FR]; 1/7, avenue San Fernando, F-78180 Montigny Le Bretonneux (FR).

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

(72, 75) **BAYLOT, Michel** [FR/FR]; 20, Impasse de la Planche, F-13008 Marseille (FR). **BONNISSEL, Marc** [FR/FR]; 13, rue Pauline Borghèse, F-92200 Neuilly S/Seine (FR). **ROCHER, Xavier** [FR/FR]; 41, rue du Général-Leclerc, F-78400 Chatou (FR).

(74) **DOMANGE, Maxime**; Cabinet Beau de Lomenie, 232, avenue du Prado, F-13295 Marseille Cedex 8 (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)⁷ B63C 11/00

(11) **WO 2004/087497** (13) A2

(21) PCT/EP2003/003422

(22) **2 Apr/avr 2003 (02.04.2003)**

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SNORKEL AIR INLET VALVE

- SOUPAPE D'ENTREE D'AIR POUR TUBA

(71, 72) **COX, Adrian** [GB/DE]; Martin-Luther-Strasse 19, 60316 Frankfurt (DE).

(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).

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) B63H 1/16

(11) **WO 2004/087498** (13) A1

(21) PCT/AU2004/000378

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 2003901562 **2 Apr/avr 2003** AU (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RINGED PROPELLER

- HELICE CERCLEE

(71, 72) **ROBSON, Martin** [AU/AU]; Level 1, 382 Wellington Road, Mulgrave, Victoria 3170 (AU). **GARGARO, Nicholas, J.** [AU/AU]; Level 1, 382 Wellington Road, Mulgrave, Victoria 3170 (AU).

(74) **GRIFFITH HACK**; Level 3, 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)⁷ **B64B**
- (11) **WO 2004/087499** (13) A2
- (21) PCT/GB2004/001488
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) en (26) en
- (30) 03007815.8 **4 Apr/avr 2003** EP
(04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • AIRSHIP
• AEROSTAT
- (71, 72) LUFFMAN, Charles, Raymond
[GB/DE]; Dorfstrasse 22B, 15910 Staakow
(DE).
- (74) LAURENCE SHAW & ASSOCIATES
LIMITED; 1 Hagley Road, Edgbaston,
Birmingham B16 8TG (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)⁷ **B64F 1/12**
- (11) **WO 2004/087501** (13) A1
- (21) PCT/US2004/008777
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) en (26) en
- (30) 10/397,858 **25 Mar/mar 2003** US
(25.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OF BOARDING PASSENGERS ON REGIONAL AIRCRAFT AND TRANSFERRING PASSENGERS BETWEEN A REGIONAL AIRCRAFT AND LARGER AIRCRAFT
• PROCEDE D'EMBARQUEMENT DE PASSAGERS SUR DES VOLS REGIONAUX ET TRANSIT DE PASSAGERS ENTRE UN AVION REGIONAL ET UN AVION PLUS GRAND
- (71) GATELINK, LC [US/US]; 2190 E. 3205 S., Salt Lake City, UT (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) PETERSON, Robert; 2190 E. 3205 S., Salt Lake City, UT 84109 (US).
- (74) NICHOLS, Steven, L.; Rader, Fishman & Grauer PLLC, River Park Corporate Center One, 10653 S. River Front Parkway, Suite 150, South Jordan, UT 84095 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ **B64D 45/00, G08B 25/01, H04N 7/18, H04L 12/28**
- (11) **WO 2004/087500** (13) A1
- (21) PCT/US2004/009598
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/457,598 **27 Mar/mar 2003** US
(27.03.2003)
- (30) 10/646,925 **25 Aug/août 2003** US
(25.08.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • IN-FLIGHT COMMUNICATIONS SYSTEM
• SYSTEME DE COMMUNICATIONS DE BORD
- (71) HONEYWELL INTERNATIONAL INC.
[US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) KAUFFMAN, Donald, C.; 8457 Sand Cherry Lane, Laurel, MD 20723 (US). ANDERSON, Edward, S.; 43309 S.E. 77th Street, Snoqualmie, WA 98065 (US).
- (74) HOIRIIS, David 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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
- SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (71, 72) KISSLING, Etienne [US/US]; 1949 E. Manning Avenue, Reedley, CA 93654 (US).
- (74) MILLER, Mark, D. et al. / etc.; Kimble, MacMichael & Upton, 5260 N. Palm Avenue, Ste. 221, Fresno, CA 93704 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ **B65B 5/10**
- (11) **WO 2004/087503** (13) A1
- (21) PCT/AT2004/000113
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) de (26) de
- (30) A 498/2003 **31 Mar/mar 2003** AT
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DISCHARGE POINT IN A COMMISSIONING SYSTEM
• POINT DE DEVERSEMENT POUR SYSTEME DE PREPARATION DE COMMANDES
- (71) SSI SCHÄFER PEEM GMBH [AT/AT]; Fischeraustrasse 27, A-8051 Graz (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHÄFER, Gerhard [DE/DE]; c/o SSI Schäfer Fritz Schäfer GmbH, Fritz-Schäfer-Strasse 20, 57290 Neunkirchen (DE).
- (74) KLIMENT, Peter et al. / etc.; Singerstrasse 8, A-1010 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).
- (51)⁷ **B65B**
- (11) **WO 2004/087502** (13) A2
- (21) PCT/US2004/009195
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/457,645 **27 Mar/mar 2003** US
(27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • HIGH-SPEED CONTINUOUS ACTION FORM-FILL-SEAL APPARATUS
• FORMEUSE-REMPLISSEUSE-SCHELEUSE RAPIDE A ACTION CONTINUE
- (51)⁷ **B65B 61/14**
- (11) **WO 2004/087504** (13) A1
- (21) PCT/IT2004/000108
- (22) **4 Mar/mar 2004 (04.03.2004)**
- (25) en (26) en
- (30) BO2003A000191 **3 Apr/avr 2003** IT
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • APPARATUS FOR APPLYING STRINGS ON SWEETS
- DISPOSITIF POUR APPLIQUER DE LA FICELLE SUR DES BONBONS

(71) M.C. AUTOMATIONS S.R.L. [IT/IT]; Via Guido Rossa 30, I-40033 Casalecchio di Reno (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CASELLI, Mario [IT/IT]; Via Guido Rossa 30, I-40033 Casalecchio di Reno (IT).

(74) MANZELLA, Giovanni; Ing. Giovanni Manzella, Via Saragozza, 220, I-40135 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).

(51)⁷ B65D

(11) WO 2004/087505 (13) A2

(21) PCT/IB2004/000966

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 60/451,196 3 Mar/mar 2003 US (03.03.2003)

(30) 10/792,041 2 Mar/mar 2004 US (02.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • DUAL-OPENING SAMPLE CONTAINERS, FLUID SAMPLING DEVICE AND METHOD OF USING SAME

- DUAL-OPENING SAMPLE CONTAINERS, FLUID SAMPLING DEVICE AND METHOD OF USING SAME

(71, 72) BRITT, Sanford, L. [US/US]; 10101 Lanark Street, Sun Valley, CA 91352 (US).

(74) BELASCO, David; Belasco, Jacobs & Townsley, LLP, Howard Hughes Center, 6100 Center Drive, Los Angeles, CA 90046 (US).

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

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

(51)⁷ B65D

(11) WO 2004/087506 (13) A2

(21) PCT/US2004/003113

(22) 4 Feb/fév 2004 (04.02.2004)

(25) en (26) en

(30) 60/445,012 4 Feb/fév 2003 US (04.02.2003)

(30) 10/772,095 3 Feb/fév 2004 US (03.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SYSTEMS AND METHODS FOR PROVIDING NESTED DISPOSABLE BAGS FOR SELECTIVE USE

- SYSTEMES ET PROCEDES PERMETTANT D'OBTENIR DES SACS JE-TABLES EMBOITES EN VUE D'UNE UTILISATION SELECTIVE

(71, 72) BERRETT, Sheldon, K. [US/US]; 3833 Westland Drive, West Jordan, UT 84088 (US). MARTIN, Mark, T. [US/US]; 179 Eugene Street, North Salt Lake, UT 84054 (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D

(11) WO 2004/087507 (13) A2

(21) PCT/US2004/008480

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/397,646 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • CARTON WITH DISPENSER

- CARTON COMPRENANT UN DISTRIBUTEUR

(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) HOLLEY, John, M, Jr [US/US]; 950 Brentwood Avenue, Lawrenceville, 11 30244 (US). IKEDA, Tamio [JP/JP]; 1-9-27 Miyamaedaira, Apt. C-208, Kawasaki-city, Kanagawa 216-0006 (JP).

(74) SUZUKI, Tsugihiko; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 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).

(51)⁷ B65D

(11) WO 2004/087508 (13) A2

(21) PCT/US2004/008914

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,414 25 Mar/mar 2003 US (25.03.2003)

(30) 10/807,866 23 Mar/mar 2004 US (23.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • NEW AND IMPROVED RETAIL MERCHANDISING STRIP AND METHOD FOR MAKING SAME

- NOUVELLE BANDE DE PRESENTATION DE DETAIL AMELIOREE ET SON PROCEDE DE PRODUCTION

(71, 72) DEAN, Ted, M. [US/US]; 309 W. Alamo Street, Brenham, TX 77833 (US). FULLER, William, R. [US/US]; Route 1, Box 180B, Somerville, TX 77879 (US).

(74) JOHNSON, Jr, William, E.; The Matthews Firm, 2000 Bering Drive, Suite 700, 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).

(51)⁷ B65D

(11) WO 2004/087509 (13) A2

(21) PCT/US2004/008915

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/400,304 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • TRANSPARENT CLOSURE CAP LINER HAVING OXYGEN BARRIER PROPERTIES

- GARNITURE DE BOUCHON DE FER-METURE TRANSPARENTE A PROPRIETES DE BARRIERE D'OXYGENE
- (71) **SILGAN CLOSURES LLC** [US/US]; 1140 31st Street, Downers Grove, IL 60515 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BARANOWSKI, Thomas, R.** [US/US]; 5525 South Meade Avenue, Chicago, IL 60638 (US). **CORMACK, Richard, W.** [US/US]; 1913 Sandgate Court, Naperville, IL 60565 (US).
- (74) **ALEX, John, L.;** Cook, Alex, McFarron, Manzo, Cummings & Mehler, Lt. d., 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).
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- (51)⁷ **B65D**
- (11) **WO 2004/087510** (13) A2
- (21) PCT/US2004/009060
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) en (26) en
- (30) 29/178,384 **25 Mar/mar 2003 (25.03.2003)** US
- (30) 10/641,612 **15 Aug/août 2003 (15.08.2003)** US
- (30) 10/774,957 **9 Feb/fév 2004 (09.02.2004)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • BEVERAGE CONTAINER LIDS AND METHODS OF MANUFACTURING BEVERAGE CONTAINER LIDS
- COUVERCLE POUR CONTENEUR DE BOISSON ET PROCÉDES DE FABRICATION DE CEUX-CI
- (71, 72) **MCROBBIE, Gerald** [CA/US]; 2835 NW 56th, Suite 401, Seattle, WA 98107 (US).
- (74) **DUTCHER, David T. et al. / etc.;** Perkins Coie LLP, Patents-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 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)⁷ **B65D**
- (11) **WO 2004/087511** (13) A2
- (21) PCT/US2004/009429
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) en (26) en
- (30) 60/458,001 **27 Mar/mar 2003 (27.03.2003)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • A PACKAGING DEVICE
- DISPOSITIF DE CONDITIONNEMENT
- (71) **WESTPOINT STEVENS, INC.** [US/US]; 507 West 10th Street, P.O. Box 71, West Point, GA 31833 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **VOLPE, Julia, M.** [US/US]; 66 East 80th Street, Suite 3B, New York, NY 10021-0223 (US). **ALEXANDER, Judi, A.** [US/US]; 35 Eighth Street, Ridgefield Park, NJ 07660 (US).
- (74) **MILLER, Charles, E.;** Dickstein Shapiro Morin & Oshinsky LLP, 1177 Avenue of the Americas, 41st Floor, New York, NY 10036-2714 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B65D 5/64, 5/28**
- (11) **WO 2004/087512** (13) A1
- (21) PCT/ZA2004/000037
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 03/2606 **3 Apr/avr 2003 (03.04.2003)** ZA
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CONTAINER
- CONTENANT
- (71, 72) **KENNY, Roché** [ZA/ZA]; Abattoir Road, 6850 Worcester (ZA).
- (74) **JORDAN, Bernice;** Brian Bacon & Associates, 2nd Floor, Mariendhal House, Newlands on Main, Main Road, 7700 Newlands (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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- (51)⁷ **B65D 6/24, 6/26, 19/18, 19/38, 85/76**
- (11) **WO 2004/087513** (13) A1
- (21) PCT/NZ2004/000061
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 525072 **31 Mar/mar 2003 (31.03.2003)** NZ
- (30) 529945 **2 Dec/déc 2003 (02.12.2003)** NZ
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MATERIALS HANDLING CONTAINER FOR CURING CHEESE
- CONTENANT DE MANIPULATION DE MATIÈRES POUR LA MATURATION DU FROMAGE
- (71) **KIDSON, Brenda, Rae** [NZ/NZ]; 8 Whitby Road, Nelson (NZ). **STOCKER, Gary, Thomas** [NZ/NZ]; 10 Fergusson Street, Stoke, Nelson (NZ). *(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **KIDSON, Charles, Brian** [NZ/NZ]; 8 Whitby Road, Nelson (NZ). **CHAPMAN, Peter, Richard** [NZ/NZ]; 10c Greenhill Road, Annesbrook, Nelson (NZ).
- (74) **SCHUCH, Ernest, Robert;** Schuch & Company, Level 5, 22 The Terrace, P.O. Box 10615, 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).

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- (51)⁷ **B65D 25/32**
- (11) **WO 2004/087514** (13) A1
- (21) PCT/DE2004/000667
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) de (26) de
- (30) 103 14 549.4 **31 Mar/mar 2003 (31.03.2003)** DE
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CONTAINER WITH A HANDLE PIECE WITHOUT ANY HOLDING OR SPHERICAL RIVETS IN THE CONTAINER BODY

- CONTENANT AVEC UNE ANSE ET AVEC UN CORPS SANS OEILLETES DE FIXATION OU SPHERIQUES

(71) **IMPRESS GROUP B.V.** [NL/NL]; World Trade Center, Schiphol Boulevard 221, NL-1118 BH Luchthaven Schiphol (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUBERT, Manfred** [DE/DE]; Im Lesump 2, 31099 Woltershausen (DE).
KLOSS, Uwe [DE/DE]; Hauptstrasse 13, 38723 Seesen (DE). **KEILBERG, Birger** [DE/DE]; Eichendorffstrasse 9, 38723 Seesen (DE).

(74) **LEONHARD, Reimund** et al. / etc.; Leonhard Olgemoeller Fricke, Tal 30, Postfach 10 09 62, 80083 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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Declarations / Déclarations :

(i) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ **B65D 51/18, B67C 7/00, B65B 55/10**

(11) **WO 2004/087515** (13) A1

(21) PCT/SE2004/000508

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) sv (26) en

(30) 0300990-9 **4 Apr/avr 2003** SE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE AND METHOD FOR STERILISATION, FILLING AND SEALING OF A PACKAGE

- DISPOSITIF ET PROCÉDE DE STERILISATION, DE REMPLISSAGE ET DE SCELLAGE D'UN EMBALLAGE

(71) **BORN TO RUN DESIGN HB** [SE/SE]; Mariedals Gärd, Göttes Väg 10, S-244 78 Lund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SJÖHOLM, Johan** [SE/SE]; Mariedals Gärd, Göttes Väg 10, S-244 78 Lund (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).

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)⁷ **B65D 51/28, 39/00, 81/20**

(11) **WO 2004/087516** (13) A1

(21) PCT/AT2004/000093

(22) **16 Mar/mar 2004 (16.03.2004)**

(25) de (26) de

(30) A 520/2003 **3 Apr/avr 2003** AT
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PLASTIC CORK FOR WINE BOTTLES
• BOUCHON SYNTHETIQUE POUR BOUTEILLES DE VIN

(71, 72) **NECHUTNY, Gregor** [AT/AT]; Sigmundstadl 26/8, 8020 GRAZ (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)⁷ **B65D 51/28**

(11) **WO 2004/087517** (13) A1

(21) PCT/EP2004/003437

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) MI2003A000652 **2 Apr/avr 2003** IT
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CLOSURE ELEMENT FOR COSMETIC PRODUCT CONTAINERS AND THE LIKE

- ELEMENT DE FERMETURE CONÇU POUR DES RECIPIENTS DE PRODUITS COSMETIQUES ET ANALOGUES

(71) **GIBO ITALIA S.r.l.** [IT/IT]; Via G. Rossa, 2, I-20037 Paderno Dugnano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOCOLA, Giovanni** [IT/IT]; Via G. Rossa, 2, I-20037 Paderno Dugnano (IT).

(74) **CICOGLA, Franco**; Ufficio Internazionale Brevetti, Dott. Prof. Franco Cicogna, Via Visconti di Modrone, 14/A, I-20122 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ **B65D 63/00, F16G 11/08**

(11) **WO 2004/087518** (13) A1

(21) PCT/US2003/011021

(22) **11 Apr/avr 2003 (11.04.2003)**

(25) en (26) en

(30) 10/368,852 **19 Feb/fév 2003** US
(19.02.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM OF BENDABLE STRIPS WITH CONNECTORS

- SYSTEME CONSTITUE PAR DES BANDES PLIABLES POSSEDANT DES ELEMENTS D'ACCOUPLEMENT

(71) **ABC PATENT CORPORATION** [US/US]; P. O. Box 1567, Conroe, TX 77305 (US).

(72) **OLIVE, Gary, L.**; 10985 Kaleo Way, Conroe, TX 77304 (US).

(74) **STREIT, Richard, J.**; 224 S. Michigan Avenue, Chicago, IL 60604 (US).

(81) AE AG AL 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 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)⁷ **B65D 63/10, F16L 3/015**

(11) **WO 2004/087519** (13) A2

(21) PCT/DE2004/000522

- (22) 16 Mar/mar 2004 (16.03.2004)
(25) de (26) de
(30) 203 05 484.9 3 Apr/avr 2003 DE
(03.04.2003)
(30) 10 2004 003 028.6 21 Jan/jan 2004 DE
(21.01.2004)
(30) 10 2004 010 454.9 1 Mar/mar 2004 DE
(01.03.2004)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • BUNDLING ELEMENT
• ELEMENT DE MISE EN FAISCEAU
(71, 72) HIENDL, Helmut [DE/DE]; Goethes-
trasse 13, 94315 Straubing (DE).
(74) GRAF, Helmut; Wasmeier Alfons, Gre-
flinger Strasse 7, 93055 Regensburg (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)⁷ B65D 63/10
(11) WO 2004/087520 (13) A1
(21) PCT/SE2004/000457
(22) 25 Mar/mar 2004 (25.03.2004)
(25) sv (26) en
(30) 0300979-2 3 Apr/avr 2003 SE
(03.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • DEVICE IN A BUNDLE TIE
• DISPOSITIF D'UNE BANDE DESTINEE
A LA LIGATURE D'OBJETS
(71) GEPE DEVELOPMENT AG [CH/CH];
Baarer Strasse 43, CH-6304 Zug (CH).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) ASSARSSON, Inge [SE/SE]; Basun-
gatan 7, S-533 34 Götene (SE).
(74) AWAPATENT I LINKÖPING AB; Platens-
gatan 9 C, S-582 20 Linköping (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)⁷ B65D 71/00
(11) WO 2004/087521 (13) A2
(21) PCT/NL2004/000219
(22) 1 Apr/avr 2004 (01.04.2004)
(25) nl (26) en
(30) 1023074 1 Apr/avr 2003 NL
(01.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • MULTIPACK AND BLANK AND
METHOD FOR THE MANUFACTURE
THEREOF
• EMBALLAGE MULTIPLE ET DE-
COUPE ET PROCEDE DE FABRICA-
TION CORRESPONDANT
(71) HEINEKEN TECHNICAL SERVICE
B.V. [NL/NL]; 2e Weteringplantsoen 21,
NL-1017 ZD Amsterdam (NL).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) KRUIT, Jan, Peter [NL/NL]; Dreef 3,
NL-2803 HA Gouda (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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

- (51)⁷ B65D 71/00
(11) WO 2004/087522 (13) A1
(21) PCT/US2004/008475
(22) 19 Mar/mar 2004 (19.03.2004)
(25) en (26) en
(30) 10/397,504 26 Mar/mar 2003 US
(26.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • CARTON WITH DISPENSER
• CARTON AVEC DISTRIBUTEUR
(71) MEADWESTVACO PACKAGING SYS-
TEMS 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) AUCLAIR, Jean-Michel [FR/FR]; 230
Route de Chatellerault, 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).

- (51)⁷ B65D 71/36, 5/72
(11) WO 2004/087523 (13) A1
(21) PCT/US2004/008478
(22) 19 Mar/mar 2004 (19.03.2004)
(25) en (26) en
(30) 10/397,705 26 Mar/mar 2003 US
(26.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • CARTON WITH DISPENSER
• CARTON COMPRENANT UN DISTRI-
BUTEUR
(71) MEADWESTVACO PACKAGING SYS-
TEMS 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) HOLLEY, John, M., Jr. [US/US];
950 Brentwood Avenue, Lawrenceville, GA
30244 (US).
(74) SUZUKI, Tsugihiko et al. / etc.; The Mead
Corporation, 4850D North Church Lane,
Smyrna, GA 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)⁷ B65D 75/00
(11) WO 2004/087524 (13) A2
(21) PCT/FR2004/000693
(22) 22 Mar/mar 2004 (22.03.2004)
(25) fr (26) fr
(30) 03/03752 27 Mar/mar 2003 FR
(27.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • FLUID PRODUCT DISPENSER
• DISTRIBUTEUR DE PRODUIT FLUIDE
(71) VALOIS SAS [FR/FR]; B.P. G, Le Prieuré,
F-27110 Le Neubourg (FR).
(72) PIERRE, Christophe; "Le Clos Joséphine",
4, allée Nathalie Sarraute, F-27000 Evreux
(FR). PENNANEAC'H, Hervé; Route de
Basline, Piseux, F-27130 Verneuil-sur-Avre
(FR).

(74) CAPRI; 33, rue de Naples, 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).

(51)⁷ B65D 75/32

(11) WO 2004/087525 (13) A1

(21) PCT/JP2004/003536

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-092284 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PACKAGE OF GOODS ATTACHED WITH IMAGE FOR FORMING THREE-DIMENSION IMAGE

• EMBALLAGE DE PRODUIT LIE A UNE IMAGE POUR FORMER UNE IMAGE TRIDIMENSIONNELLE

(71) SAPPORO HOLDINGS LIMITED [JP/JP]; 20-1, Ebisu 4-Chome, Shibuya-Ku, Tokyo, 1508522 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIBANO, Kunio [JP/JP]; c/o SAPPORO BREWERIES LTD., 20-1, Ebisu 4-Chome, Shibuya-Ku, Tokyo, 1508522 (JP).

(74) ITOH, Tadahiko; Yebisu Garden Place Tower 32nd Floor, 20-3, Ebisu 4-Chome, Shibuya-Ku, Tokyo, 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ B65D 75/58

(11) WO 2004/087526 (13) A1

(21) PCT/IB2004/000736

(22) 12 Mar/mar 2004 (12.03.2004)

(25) fr (26) fr

(30) 0564/03 1 Apr/avr 2003 CH (01.04.2003)

(30) 02147/03 16 Dec/déc 2003 CH (16.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLEXIBLE LIQUID CONTAINER

• RECIPIENT SOUPLE POUR LIQUIDE

(71) PAKERMAN S.A. [CH/CH]; rue de Saint-Léger, 28, CH-1204 Genève (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RISGALLA, Eric [CH/CH]; rue de Saint-Léger, 28, CH-1204 Genève (CH).

(74) REUTELER, Raymond, Werner; William Blanc & Cie, Conseils En Propriété Industrielle SA, Avenue Du Pailly, CH-1220 Les Avanchets/Genève (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 VN YU ZA ZM ZW.

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

(u) for / pour US only / seulement

(51)⁷ B65D 75/58

(11) WO 2004/087527 (13) A1

(21) PCT/IB2004/000816

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) BO2003A000181 31 Mar/mar 2003 IT (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLEXIBLE BAG WITH HERMETICALLY RE-CLOSEABLE OPENING

• SAC SOUPLE A OUVERTURE REFERMABLE HERMETIQUEMENT

(71) ICA SPA [IT/IT]; Via del Litografo, 7, I-40138 Bologna (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAPPARINI, Gino [IT/IT]; via del Litografo, 7, I-40138 Bologna (IT).

(74) BESZEDES, Stephan; Postfach 1168, D-Dachau bei 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).

(51)⁷ B65D 75/66, B65B 61/18, B31B 19/90, B65B 19/34

(11) WO 2004/087528 (13) A1

(21) PCT/IT2004/000159

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) RM2003A000145 31 Mar/mar 2003 IT (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PACKAGE FOR PASTA, MACHINE AND METHOD FOR OBTAINING SAID PACKAGE

• EMBALLAGE POUR PATES, MACHINE ET PROCEDE POUR OBTENIR LEDIT EMBALLAGE

(71) RUMMO S.p.A. [IT/IT]; Molino & Pastificio, Contrada Ponte Valentino, I-82100 Benevento (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUMMO, Cosimo [IT/IT]; Via Raguzzini, 10, I-82100 Benevento (IT).

(74) BELLOMIA, Paolo; c/o Bugnion S.p.A., Via Vittorio Emanuele Orlando, 83, 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 VN YU ZA ZM ZW.

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

(u) for / pour US only / seulement

(51)⁷ B65D 81/00

(11) WO 2004/087529 (13) A1

(21) PCT/EP2003/012338

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) TV2003A000058 2 Apr/avr 2003 IT
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SINGLE-DOSE PLASTIC CAPSULE
FOR POWDERED COFFEE AND THE
LIKE• CAPSULE PLASTIQUE MONODOSE
POUR CAFE EN POUDRE ET ANA-
LOGUE(71) HAUSBRANDT TRIESTE 1892 SPA
[IT/IT]; Via Foscari 52, I-31040 Nervesa
della Battaglia (Treviso) (IT).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) ZANETTI, Martino [IT/IT]; Viale Fel-
lissent 55, I-31050 Villorba (Treviso) (IT).(74) AGOSTINI, Agostino et al. / etc.; Dragotti
& Associati S.r.l., Via Paris Bordone, 9,
I-31100 Treviso (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 (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC 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)⁷ B65D 81/34

(11) WO 2004/087530 (13) A1

(21) PCT/CA2004/000485

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/320,077 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MICROWAVE FOOD CONTAINER
WITH INNER ENCLOSURE• RECIPIENT ALIMENTAIRE POUR MI-
CRO-ONDES, A ENVELOPPE INTER-
IEURE(71) REVOPOP INC. [CA/CA]; 47 Hartford
Trail, Brampton, Ontario L6W 4J9 (CA).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) LANGEN, Paul, H., J. [CA/CA]; 47
Hartford Trail, Brampton, Ontario L6W 4J9
(CA). COPPING, Craig, Philip [CA/CA];
45 Sir Lancelot Drive, Markham, Ontario
L3P 2J1 (CA). SIMPSON, Alistair, George
[CA/CA]; c/o Smart & Biggar, 438 Univer-
sity Avenue, Suite 1500, Box 111, Toronto,
Ontario M5G 2K8 (CA).(74) FETHERSTONHAUGH & CO.; ATTN:
ZISCHKA, Matthew, 438 University Avenue,
Suite 1500, Box 111, 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)⁷ B65D 83/14, 39/08

(11) WO 2004/087531 (13) A1

(21) PCT/CN2003/000943

(22) 10 Nov/nov 2003 (10.11.2003)

(25) zh (26) zh

(30) 02287212.4 11 Nov/nov 2002 CN
(11.11.2002)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A REUSABLE AUTO-SPRAYING POT
• CUVE DE PULVERISATION AUTOMA-
TIQUE REUTILISABLE(71, 72) HUO, Zhixiong [CN/CN]; Suite
602, Haojing Building, Wuyangxincheng,
Guangzhou, Guangdong 510600 (CN).(74) ADVANCE CHINA I.P. LAW OFFICE;
TAN, Yibing, Suite 918-920, 9/F., Dong
Shan Plaza No.69 Xianlie Central Road,
Guangzhou, Guangdong 510095 (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 (Utility model /
modèle d'utilité) DK (Utility model / modèle
d'utilité) DM DZ EC (Utility model / modèle
d'utilité) EE (Utility model / modèle d'utilité)
EG ES (Utility model / modèle d'utilité) FI
(Utility model / modèle d'utilité) GB GD GE
(Utility model / modèle d'utilité) GH (Utility
certificate / certificat d'utilité) 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 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 PG 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 (Utilitymodel / modèle d'utilité) SL (Utility model
/ modèle d'utilité) SY TJ (Utility model /
modèle d'utilité) TM TN TR (Utility model
/ modèle d'utilité) TT (Utility certificate /
certificat d'utilité) TZ UA (Utility model
/ modèle d'utilité) UG (Utility certificate /
certificat d'utilité) US UZ (Utility model /
modèle d'utilité) 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).(51)⁷ B65D 83/16

(11) WO 2004/087532 (13) A2

(21) PCT/US2004/008769

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/396,896 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HAND-HELD PRODUCT DISPENSERS
HAVING PRESSURIZED DELIVERY• DISTRIBUTEURS A MAIN DE PRO-
DUITS AYANT UNE DISTRIBUTION
SOUS PRESSION(63) US 10/396,896 (CON)
25 Mar/mar 2003 (25.03.2003)(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) GROH, David, M. [US/US]; 26 Jede-
diah's Path, Marshfield, MA 02050 (US).
O'CONNOR, William, T. [US/US]; 18 Gor-
don Drive, Londonderry, NH 03053 (US).
TROTTA, Robert [US/US]; 312 West Elm
Street, Pembroke, MA 02359 (US).(74) GALLOWAY, Peter, D. et al. / etc.; Ladas
& Parry, 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 UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ B65D 83/20

(11) WO 2004/087533 (13) A1

(21) PCT/EP2004/003235

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0307445.7 31 Mar/mar 2003 GB
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ACTUATOR CAP FOR AEROSOL

- BOUCHON A ACTIONNEUR CONÇU POUR UN RECIPIENT AEROSOL

(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) **MACLEOD, Andrew** [GB/GB]; PA Consulting Group, Cambridge Technology Centre, Melbourn, Hertfordshire SG8 6DP (GB). **MASSARI, Louis, Anthony** [GB/GB]; PA Consulting Group, Cambridge Technology Centre, Melbourn, Hertfordshire SG8 6DP (GB).

(74) **WALKER, Ralph, Francis**; Glaxo-SmithKline, 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ **B65D 85/00**

(11) **WO 2004/087534** (13) A1

(21) PCT/JP2004/004694

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-095756 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CASSETTE STORAGE CASE

- ETUI DE STOCKAGE DE CASSETTE

(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) **FUKUIZUMI, Sachiyo** [JP/JP]

(74) **NAKAMURA, Tomoyuki**; c/o Miyoshi International Patent Office, Toranomon Dai-ichi Building, 9th Floor, 2-3, Toranomon 1-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 VN YU ZA ZM ZW.

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

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

(51)⁷ **B65D 85/38, H01L 21/68**

(11) **WO 2004/087535** (13) A1

(21) PCT/JP2004/004087

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) ja (26) ja

(30) 2003-095655 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONTAINER FOR SEMICONDUCTOR WAFER

- RECIPIENT POUR TRANCHE SEMI-CONDUCTRICE

(71) **ACHILLES CORPORATION** [JP/JP]; 22-5 Daikyochō, Shinjuku-ku, Tokyo 1600015 (JP).

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

(72, 75) **FUYUMURO, Masahiko** [JP/JP]; 560-1 Imafukuchō, Ashikaga-Shi, Tochigi 3260842 (JP). **NAKAYAMA, Yoshitaka** [JP/JP]; 3365, Minamioomachi, Ashikaga-shi, Tochigi 3260836 (JP).

(74) **SUGANO, Ataru**; A Sugano & Associates, Aruteru Akihabara 8F, 1-8, Kandasakumacho, Chiyoda-ku, Tokyo 1010025 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ **B65D 85/50**

(11) **WO 2004/087536** (13) A2

(21) PCT/FR2004/000752

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) fr (26) fr

(30) 03/03723 **26 Mar/mar 2003 FR (26.03.2003)**

(30) 03/06945 **10 Jun/juin 2003 FR (10.06.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONDITIONING OF USEFUL INSECTS OR MITES, METHOD FOR PRODUCTION THEREOF AND USE THEREOF IN THE BIOLOGICAL ERADICATION OF PLANT RAVAGERS

- CONDITIONNEMENT POUR INSECTES ET/OU ACARIENS AUXILIAIRES, SON PROCÉDE DE FABRICATION ET SON UTILISATION EN LUTTE BIOLOGIQUE CONTRE LES RAVAGEURS DES PLANTES

(71) **BIOTOP** [FR/FR]; 83-85 avenue de la Grande-Armée, F-75782 Paris Cedex 16 (FR).

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

(72, 75) **FRANDON, Jacques** [FR/FR]; Le Fontonne B, 847 Chemin des 4 Chemins, F-06600 Antibes (FR). **KABIRI, Firouz** [FR/FR]; Les Géranioms, 19 rue Georges Doublet, F-06100 Nice (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 VN YU ZA ZM ZW.

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

(51)⁷ **B65F 1/04**

(11) **WO 2004/087537** (13) A1

(21) PCT/NL2004/000222

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) nl (26) en

(30) 1023109 **4 Apr/avr 2003 NL (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ASSEMBLY FOR COLLECTING REFUSE

- ENSEMBLE DE COLLECTE DE DECHETS

(71) **OTTO INDUSTRIES EUROPE B.V.** [NL/NL]; Vrijhof 50/51, NL-6211 LE Maastricht (NL).

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

(72) **HAKANSSON, Dan**; Gethornskroken 30, S-281 49 Hassleholm (SE).

(72, 75) **HEDENSTROM, Björn** [SE/SE]; Ortsgårdsgatan 35, S-254 50 Helsingborg (SE).

(74) **HOEBEN, Ferdinand, Egon**; 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 VN YU ZA ZM ZW.

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

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(51)⁷ B65F 1/14, 1/10, B65G 11/20, 65/30, E04F 17/12

(11) WO 2004/087538 (13) A1

(21) PCT/SE2003/000517

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HOPPER STRUCTURE, METHOD OF CONTROLLING THE EMPTYING OF SUCH A HOPPER STRUCTURE, AND A WASTE CHUTE HAVING SUCH A HOPPER STRUCTURE

• STRUCTURE DE TREMIE, PROCEDE PERMETTANT DE COMMANDER LE VIDAGE D'UNE TELLE STRUCTURE DE TREMIE, ET VIDE-ORDURES POSSEDANT UNE TELLE STRUCTURE DE TREMIE

(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) MEDIN, Calle [SE/SE]; Roslagsgatan 24, S-113 55 Stockholm (SE). ELDERED, Kjell [SE/SE]; Hanskrokavägen 4, S-134 65 Ingarö (SE).

(74) AROS PATENT AB; P.O. Box 1544, SE-751 45 Uppsala (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 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 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)⁷ B65G

(11) WO 2004/087539 (13) A2

(21) PCT/US2004/009110

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/400,906 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SCRAPER BLADE FOR CONVEYOR BELTS

• RACLOIR POUR COURROIES DE BANDES TRANSPORTEUSES

(71) FLEXIBLE STEEL LACING COMPANY [US/US]; 2525 Wisconsin Avenue, Downers Grove, IL 60515 (US).

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

(72, 75) KOLODZIEJ, James, M. [US/US]; 1530 42nd Street, S.E. Apt.3, Grand Rapids, MI 49508 (US). DEVRIES, Brett, Edwin [US/US]; 2023 Wendover Road, N.W., Grand Rapids, MI 49504 (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).

(51)⁷ B65G

(11) WO 2004/087540 (13) A2

(21) PCT/US2004/009457

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/407,674 4 Apr/avr 2003 US (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PALLET AND CONVEYOR SYSTEM FOR LOADING ONTO TRANSPORT

• PALETTE ET SYSTEME TRANSPORTEUR DESTINE AU CHARGEMENT SUR UN VEHICULE DE TRANSPORT

(63) US 10/407,674 (CON) 4 Apr/avr 2003 (04.04.2003)

(71) MOBILE CONCEPTS, INC. [US/US]; 314 King Street, Myerstown, PA 17067 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WARLOW, Jerry, L. [US/US]; 1971 Water Street, Lebanon, PA 17046 (US). FRIDMAN, Boris [US/US]; 125 Royal Court at Waterford, York, PA 17402 (US).

(74) SALAZAR, John, F. et al. / etc.; Middleton Reutlinger, 2500 Brown & Williamson Tower, (401 S. 4th Street, Suite 2500), Louisville, KY 40202 (US).

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

(51)⁷ B65G

(11) WO 2004/087541 (13) A2

(21) PCT/US2004/009460

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 10/407,674 4 Apr/avr 2003 US (04.04.2003)

(30) 10/443,922 22 May/mai 2003 US (22.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PALLET AND CONVEYOR SYSTEM FOR LOADING ONTO TRANSPORT

• PALETTE ET SYSTEME TRANSPORTEUR DESTINE AU CHARGEMENT SUR UN VEHICULE DE TRANSPORT

(63) US 10/443,922 (CON) 22 May/mai 2003 (22.05.2003)

(71) MOBILE CONCEPTS, INC. [US/US]; 314 King Street, Myerstown, Pennsylvania 17067 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WARLOW, Jerry, L. [US/US]; 1971 Water Street, Lebanon, Pennsylvania 17046 (US). FRIDMAN, Boris [US/US]; 125 Royal Court at Waterford, York, Pennsylvania 17402 (US).

(74) SALAZAR, John, F. et al. / etc.; Middleton Reutlinger, 2500 Brown & Williamson Tower, (401 S. 4th Street, Suite 2500), Louisville, Kentucky 40202 (US).

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

(51)⁷ B65G 17/12, 17/18, 1/127

(11) WO 2004/087542 (13) A1

(21) PCT/NL2004/000226

(22) 5 Apr/avr 2004 (05.04.2004)

(25) nl (26) en

(30) 1023107 4 Apr/avr 2003 NL
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONTINUOUS VERTICAL CON-
VEYOR WITH CURVED GUIDING
TRADES

• TRANSPORTEUR VERTICAL
CONTINU MUNI DE CHEMINS DE
GUIDAGE INCURVES

(71) NEDPACK PATENTEN B.V. [NL/NL];
Nobelstraat 43, NL-3846 CE Harderwijk
(NL).

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

(72, 75) HANNESSEN, Pieter, Gerrit [NL/NL];
Meidoornlaan 9, NL-3843 JK Harderwijk
(NL).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ B65G 35/06, 1/127

(11) WO 2004/087543 (13) A1

(21) PCT/IT2003/000188

(22) 31 Mar/mar 2003 (31.03.2003)

(25) it (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR STORAGE AND FEED-
ING OF PRODUCTS

• DISPOSITIF DE STOCKAGE ET DE
DISTRIBUTION DE PRODUITS

(71) PAK 2K S.R.L. [IT/IT]; Via G. Monari, 34,
I-44044 Cassana (IT).

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

(72, 75) MOELLER, Kurt [CH/IT]; Via C.
Bagni, 54, I-44100 Ferrara (IT).

(74) CANTALUPPI, Stefano et al. / etc.; Can-
taluppi & Partners S.r.l., Via Matteotti, 26,
I-35137 Padova (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 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 :

(r) 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 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)⁷ B65G 39/12

(11) WO 2004/087544 (13) A1

(21) PCT/NL2004/000192

(22) 18 Mar/mar 2004 (18.03.2004)

(25) nl (26) en

(30) 1023050 31 Mar/mar 2003 NL
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SUPPORTING ORGAN FOR AN AXI-
ALLY MOVING BODY

• ORGANE DE SUPPORT POUR CORPS
A DEPLACEMENT AXIAL TEL
QU'UNE COURROIE TRANSPOR-
TEUSE, UN CABLE OU UN TAPIS
ROULANT

(71) TECHNISCHE UNIVERSITEIT DELFT
[NL/NL]; Julianalaan 134, NL-2628 BL Delft
(NL).

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

(72, 75) LODEWIJKS, Gabriel [NL/NL];
Hoofdkaanaal OZ 102, NL-7881 CP Em-
mer-Compascuum (NL). DRENTH, Karel,
Frederik [NL/NL]; Waterlelie 48, NL-2804
PW Gouda (NL).

(74) VAN BREDA, Jacques et al.; Octrooibu-
reau Los En Stigter B.V., Weteringschans 96,
NL-1017 XS Amsterdam (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)⁷ B65G 53/56

(11) WO 2004/087545 (13) A1

(21) PCT/NO2004/000096

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 20031504 2 Apr/avr 2003 NO
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTIPLE VALVE

• SOUPAPE MULTIPLE

(71, 72) HAUG, Rune [NO/NO]; N-7900 Rörvik
(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).

Published / Publiée : (c)

(51)⁷ B65H

(11) WO 2004/087546 (13) A2

(21) PCT/US2004/009430

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/400,522 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/469,828 13 May/mai 2003 US
(13.05.2003)

(30) 10/649,337 27 Aug/août 2003 US
(27.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOMATED INDUCTION SYSTEMS
AND METHODS FOR MAIL AND/OR
OTHER OBJECTS

• SYSTEMES ET METHODES DE MANI-
PULATION AUTOMATISEE POUR DES
COURRIERS ET/OU POUR D'AUTRES
OBJETS

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILLERICH, Thomas, A., Jr.** [US/US]; 300 White Tail Circle, Shepherdsville, KY 40165 (US). **NEEBE, Mark, T.** [US/US]; 116 Oak Drive, Catonsville, MD 21228 (US).

(74) **PARKER, Stephen, B. et al.** / etc.; 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)⁷ B65H 3/12, 3/48, 7/18

(11) WO 2004/087547 (13) A1

(21) PCT/EP2004/003555

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 648.8 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR INDIVIDUALLY FEEDING SHEET-TYPE PRINTING MATERIALS FROM A STACK TO A TRANSPORT PATH ENTRANCE

• DISPOSITIF D'ALIMENTATION INDIVIDUELLE DE PRODUITS A IMPRIMER DE TYPE FEUILLES D'UNE PILE JUSQU'A L'ENTREE D'UNE VOIE DE TRANSPORT

(71) **HEIDELBERGER DRUCKMASCHINEN AG** [DE/DE]; Kurfürsten-Anlage 5-260, 69115 Heidelberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WELTZ, Reinhard** [DE/DE]; Meisenbergweg 13, 71229 Leonberg-Silberberg (DE).

(74) **KAISER, Stefan;** c/o Heidelberger Druckmaschinen AG, Kurfürsten-Anlage 5-260, 69115 Heidelberg (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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)⁷ B65H 15/00, 5/12

(11) WO 2004/087548 (13) A1

(21) PCT/IL2003/000268

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROTOR INVERTER
• INVERSEUR DE ROTOR

(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) **KOROL, Evgeny** [IL/IL]; 8 TARAN STREET, 76248 REHOVOT (IL). **FEYGELMAN, Alex** [IL/IL]; 29/7 ARLOZOROV STREET, 49408 PETACH TIKVA (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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)⁷ B65H 19/18

(11) WO 2004/087549 (13) A1

(21) PCT/SE2004/000507

(22) 2 Apr/avr 2004 (02.04.2004)

(25) sv (26) en

(30) 0300967-7 2 Apr/avr 2003 SE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE AT STRIP FORMED MATERIAL
• DISPOSITIF POUR MATERIAU EN FORME DE BANDE

(71) **FIMTECH AS** [NO/NO]; Narverodsvein 47, NO-3113 Tonsberg (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUNDERSEN, Dag** [NO/NO]; Vikkeveien 4, NO-3150 Tolvsrod (NO). **BACKLUND, Lennart** [SE/SE]; Gyltegårdsgatan 2, S-511 62 Skene (SE).

(74) **CEGUMARK AB;** P.O. Box 53047, SE-400 14 Goteborg (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)⁷ B65H 54/38

(11) WO 2004/087550 (13) A1

(21) PCT/JP2004/004121

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-091246 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR WINDING YARN
• PROCEDE ET DISPOSITIF DE BOBINAGE DE FILS

(71) **MURATA KIKAI KABUSHIKI KAISHA** [JP/JP]; 3, Minami Ochiai-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto, 6018326 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Masato** [JP/JP]; 3-8, Mise 1-chome, Otsu-shi, Shiga, 5200004 (JP). **IKKAI, Tomoyuki** [JP/JP]; 206 Murata-Kikai-Shataku, 47, Funato-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto, 6018330 (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 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)⁷ B65H 81/06, 75/50

(11) WO 2004/087551 (13) A1

(21) PCT/SE2004/000473

(22) 26 Mar/mar 2004 (26.03.2004)

(25) sv (26) en

(30) 0300963-6 1 Apr/avr 2003 SE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR APPLYING A SHEET OF MATERIAL

• DISPOSITIF PERMETTANT
D'APPLIQUER UNE FEUILLE DE
MATIERE

(71) CORE LINK AB [SE/SE]; Box 198, S-311
22 Falkenberg (SE).

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

(72, 75) NILSSON, Ove [SE/SE]; Fylkesvägen 8,
S-311 38 Falkenberg (SE).

(74) NILSSON, Lennart; Lennart Nilsson
Patentbyrå AB, Ljungsjövägen 31, S-311 95
Falkenberg (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)⁷ B66B 1/42

(11) WO 2004/087552 (13) A1

(21) PCT/FI2004/000185

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) U20030133 2 Apr/avr 2003 FI
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS FOR DRIVING A DOU-
BLE-DECK ELEVATOR TO A LAND-
ING LEVEL

• APPAREIL PERMETTANT DE PILO-
TER UN ASCENSEUR A CABINES
SUPERPOSEES JUSQU'A UN NIVEAU
D'ATERRISSAGE

(71) KONE CORPORATION [FI/FI]; Kar-
tanontie 1, FI-00330 Helsinki (FI).

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

(72, 75) MODEEN, Joakim [FI/FI]; Itäranta 13
A 2, FI-02110 Espoo (FI). VALJUS, Petteri
[FI/FI]; Maununnenvantie 2 D 17, FI-00430
Helsinki (FI).

(74) KONE CORPORATION; P.O. Box 677,
FI-05801 Hyvinkää (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)⁷ B66C 1/12, F16G 15/00

(11) WO 2004/087553 (13) A1

(21) PCT/SE2004/000255

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 0300914-9 31 Mar/mar 2003 SE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A CHAIN SHORTENING DEVICE

• DISPOSITIF DE RACCOURCISSE-
MENT DE CHAÎNE

(71) FRENOLINK FÖRVALTNINGS AB
[SE/SE]; Västerskärsringen 34, S-184 92
ÅKERSBERGA (SE).

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

(72, 75) FREDRIKSSON, Lars [SE/SE];
Västerskärsringen 34, S-184 92 ÅKERS-
BERGA (SE).

(74) EHRNER & DELMAR PATENTBYRÅ
AB; Box 10316, 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)⁷ B66C 1/14, 1/34, F16G 17/00

(11) WO 2004/087554 (13) A1

(21) PCT/SE2004/000254

(22) 25 Feb/fév 2004 (25.02.2004)

(25) en (26) en

(30) 0300915-6 31 Mar/mar 2003 SE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A CHAIN COUPLING COMPONENT

• ELEMENT D'ACCOUPLEMENT DE
CHAÎNE

(71) FRENOLINK FÖRVALTNINGS AB
[SE/SE]; Västerskärsringen 34, S-184 92
Åkersberga (SE).

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

(72, 75) FREDRIKSSON, Lars [SE/SE];
Västerskärsringen 34, S-184 92 Åkersberga
(SE).

(74) EHRNER & DELMAR PATENTBYRÅ
AB; Box 10316, 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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ B66C 13/06

(11) WO 2004/087555 (13) A1

(21) PCT/FI2004/000188

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 20030485 1 Apr/avr 2003 FI
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CONTROLLING
SPREADER IN CRANE

• PROCEDE DE COMMANDE DE PA-
LONNIER DE GRUE

(71) KCI KONECRANES PLC [FI/FI];
Koneenkatu 8, FI-05830 Hyvinkää (FI).

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

(72, 75) SORSA, Timo [FI/FI]; Jokivarrentie 22,
FI-05400 Jokela (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23,
PO Box 148, FI-00121 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).

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) / pour US only / seulement

(51)⁷ B66C 13/06

(11) WO 2004/087556 (13) A1

(21) PCT/FI2004/000189

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 20030486 1 Apr/avr 2003 FI
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CONTROLLING
SPREADER IN CRANE• PROCEDE DE CONTROLE DE CADRE
DE PREHENSION DE GRUE(71) KCI KONECRANES PLC [FI/FI];
Koneenkatu 8, FI-05830 Hyvinkää (FI).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SORSA, Timo [FI/FI]; Jokivarrentie 22,
FI-05400 Jokela (FI).(74) KOLSTER OY AB; Iso Roobertinkatu 23,
P.O. Box 148, FI-00121 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).

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) / pour US only / seulement

(51)⁷ B66C 23/82, 23/34

(11) WO 2004/087557 (13) A1

(21) PCT/EP2004/003223

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/459,669 2 Apr/avr 2003 US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TWO-PIECE MAIN BOOM FOR A LAT-
ICE-BOOM CRANE AND METHOD
FOR ERECTION THEREOF• FLECHE EN DEUX PARTIES POUR
GRUE A FLECHE EN TREILLIS ET
TECHNIQUE D'ERECTION(71) TEREZ-DEMAG GMBH & CO.
KG [DE/DE]; Dingerstrasse 24, 66482
Zweibrücken (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DIEHL, Stefan [DE/DE]; Kaiserstrasse
67a, 66424 Homburg/Saar (DE).(74) PREUSS, Udo; Maiwald Patentanwalts
GmbH, Elisenhof, Elisenstrasse 3, 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).

Published / Publiée : (c)

(51)⁷ B66F 9/07, B65G 1/04

(11) WO 2004/087558 (13) A2

(21) PCT/EP2004/003463

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 15 740.9 4 Apr/avr 2003 DE
(04.04.2003)(30) 103 29 133.4 27 Jun/juin 2003 DE
(27.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE TAKEOVER
AND/OR HANDOVER AND FOR THE
TRANSPORT OF GOODS• PROCEDE DE PRISE ET/OU DE RE-
MISE DE MARCHANDISES, AINSI
QUE DE TRANSPORT DE CES MAR-
CHANDISES(71) SWISSLOG AG [CH/CH]; Webereiweg 3,
CH-5033 Buchs/Aarau (CH).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BÄUMLE, Jürgen [DE/DE]; Kirchen-
weg 7, 78713 Bad Säckingen (DE). EICH-
LER, Bernd [CH/CH]; Sommerau 74,
CH-6272 Eschenbach (CH). HULTSCH,
Stefan [CH/CH]; Lättweg 3, CH-5036
Oberentfelden (CH). OBSCHONKA,
Frank [DE/DE]; Melchiorstrasse 48, 72654
Neckartenzlingen (DE). REINHARD, An-
dreas [CH/CH]; Im Spieldruckenwinkel 6,
CH-5614 Sarmenstorf (CH).(74) WEISS, Peter; Zeppelinstrasse 4, 78234 En-
gen (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)⁷ B67C 11/00

(11) WO 2004/087559 (13) A1

(21) PCT/KR2004/000290

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 20-2003-0004895 19 Feb/fév 2003 KR
(19.02.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FUNNEL HAVING AIR HOLES
• ENTONNOIR POSSEDANT DES
TROUS D'AIR(71, 72) GWON, Tae Woo [KR/KR]; 381-73,
Dukpoong2-Dong, Hanam-City, 465-803
Kyunggi-Do (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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ B67D

(11) WO 2004/087560 (13) A2

(21) PCT/US2004/008985

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/458,115 26 Mar/mar 2003 US
(26.03.2003)(30) 10/805,100 19 Mar/mar 2004 US
(19.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A FLUID DELIVERY SYSTEM
• SYSTEME DE DISTRIBUTION DE
FLUIDE(71, 72) KEVIN, S. Bennett [US/US]; 1189 Scott
Blvd., Santa Clara, CA 90025-1026 (US).(74) DE KLERK, Stephen. M.; 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)⁷ **B81B**
- (11) **WO 2004/087561** (13) A2
- (21) PCT/US2004/009222
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 10/402,889 **28 Mar/mar 2003** US (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • NOVEL SACRIFICIAL LAYERS FOR USE IN FABRICATIONS OF MICROELECTROMECHANICAL DEVICES
- NOUVELLES COUCHES SACRIFICIELLES DESTINÉES A LA FABRICATION DE DISPOSITIFS MICROELECTROMECHANIQUES
- (63) US 10/402,889 (CON) 28 Mar/mar 2003 (28.03.2003)
- (71) **REFLECTIVITY, INC.** [US/US]; 350 Potrero Avenue, Sunnyvale, CA 94085 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PATEL, Satyadev, R.** [US/US]; 718 Old San Francisco Road, #272, Sunnyvale, CA 94086 (US). **DOAN, Jonathan** [US/US]; 273A Jessie Lane, Mountain View, CA 94041 (US).
- (74) **MUIR, Gregory, R.**; Reflectivity, Inc., 350 Potrero 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).
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- (51)⁷ **B81B 5/00, H02N 11/00**
- (11) **WO 2004/087562** (13) A1
- (21) PCT/JP2003/004141
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) ja (26) ja

- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • OBJECT ROTATING MECHANISM USING LIQUID CRYSTAL FLOW
- MECANISME DE ROTATION D'OBJET UTILISANT UN FLUX DE CRISTAL LIQUIDE
- (71) **KOCHI UNIVERSITY OF TECHNOLOGY** [JP/JP]; 185, Miyanokuchi, Tosayamada-cho, Kami-gun, Kochi 782-8502 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHONO, Shigeomi** [JP/JP]; 3-401, Midorigaoka, Nankoku-shi, Kochi 783-0086 (JP). **TSUJI, Tomohiro** [JP/JP]; Sunrise Mansion 401, 1-2-21, Takaramachi, Tosayamada-cho, Kami-gun, Kochi 782-0034 (JP).
- (74) **YAMAUCHI, Yasunobu**; YAMAUCHI Patent Attorney, Nihon Seimei-Takamatsu-Ekimae Bldg. 3F, 1-1-8, Koto-buki-cho, Takamatsu-shi, Kagawa 760-0023 (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 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 SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B81C**
- (11) **WO 2004/087563** (13) A2
- (21) PCT/US2004/009231
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 10/402,789 **28 Mar/mar 2003** US (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • BARRIER LAYERS FOR MICROELECTROMECHANICAL SYSTEMS
- COUCHES BARRIERES POUR SYSTEMES MICROELECTROMECHANIQUES
- (63) US Not furnished / non communiqué (CIP) Not furnished / non communiquée
- (71) **REFLECTIVITY, INC.** [US/US]; 350 Potrero Avenue, Sunnyvale, CA 94085 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PATEL, Satyadev, R.** [US/US]; 718 Old San Francisco Road #272, Sunnyvale, CA 94086 (US). **DOAN, Jonathan** [US/US]; 273A Jessie Lane, Mountain View, CA 94041 (US).
- (74) **MUIR, Gregory, R.**; Reflectivity, Inc., 350 Potrero 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).
-
- (51)⁷ **B82B 3/00, C30B 11/12, 29/62**
- (11) **WO 2004/087564** (13) A1
- (21) PCT/GB2004/000037
- (22) **7 Jan/jan 2004 (07.01.2004)**
- (25) en (26) en
- (30) 60/459,989 **4 Apr/avr 2003** US (04.04.2003)
- (30) 60/472,721 **23 May/mai 2003** US (23.05.2003)
- (30) 60/512,771 **21 Oct/oct 2003** US (21.10.2003)
- (30) 60/524,891 **26 Nov/nov 2003** US (26.11.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PRECISELY POSITIONED NANOWHISKERS AND NANOWHISKER ARRAYS AND METHOD FOR PREPARING THEM
- NANOTRICHITES ET RESEAUX DE NANOTRICHITES PLACES AVEC PRECISION, ET LEUR PROCEDE DE PREPARATION
- (71) **BTG INTERNATIONAL LTD** [GB/GB]; 10 Fleet Place, Limeburner Lane, London EC4M 7SB (GB). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **SAMUELSON, Lars, Ivar** [SE/SE]; Ynglingagatan 5D, S-217 74 Malmö (SE). **OHLSSON, Björn, Jonas** [SE/SE]; Löjt-nantsgatan 12b, S-211 50 Malmö (SE). **MARTENSSON, Thomas, Martin, Ingvar** [SE/SE]; Kännärvägen 13B: 102, S-226 46 Lund (SE).
- (74) **KIDD, Piers**; BTG International Ltd, 10 Fleet Place, Limeburner Lane, London EC4M 7SB (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **B82B 3/00, C01B 31/02, D01F 9/12**
- (11) **WO 2004/087565** (13) A1
- (21) PCT/KR2004/000745

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10-2003-0020858 2 Apr/avr 2003 KR
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF PREPARING CARBON NANOTUBE FROM LIQUID PHASED-CARBON SOURCE

• PROCEDE DE PREPARATION D'UN NANOTUBE DE CARBONE A PARTIR D'UNE SOURCE DE CARBONE EN PHASE LIQUIDE

(71) KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY [KR/KR]; 100 Jang-dong, Yuseong-gu, Daejeon 305-343 (KR).

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

(72, 75) RYU, Beyong-Hwan [KR/KR]; 10-101 Cheongsol Apt., Samcheon-dong, Seo-gu, Daejeon 302-743 (KR). KONG, Ki-Jeong [KR/KR]; 411-1001 4-danji Yeolmae-maoul 858 Jijok-dong, Yuseong-gu, Daejeon 305-330 (KR). CHANG, Hyun-Ju [KR/KR]; 308-903 Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761 (KR). CHOI, Young-Min [KR/KR]; 107-1204 Dungji Apt., Dunsan 2-dong, Seo-gu, Daejeon 302-734 (KR). LEE, Jae-Do [KR/KR]; 34-53 Sambu Apt., Taepyeong 2-dong, Jung-gu, Daejeon 301-775 (KR). JUNG, Ha-Kyun [KR/KR]; 116-1105 Hanbit Apt., 99 Eoeun-dong, Yuseong-gu, Daejeon 305-755 (KR). KIM, Chang-Gyoun [KR/KR]; 109-1603 Hanwool Apt., 160-1 Sinseong-dong, Yuseong-gu, Daejeon 305-805 (KR). PARK, Han-Sung [KR/KR]; 901-303 Daewon Apt., 1255 Bunpyeong-dong, Heungdeok-gu, Cheongju-si, Chungcheongbuk-do 361-822 (KR).

(74) PAIK, Nam-Hoon; 16th Fl., Woori 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 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)⁷ C01B 3/16, 3/32

(11) WO 2004/087566 (13) A1

(21) PCT/EP2004/003160

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) PA 2003 00499 1 Apr/avr 2003 DK
(01.04.2003)(30) PA 2003 00532 7 Apr/avr 2003 DK
(07.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR THE PREPARATION OF A HYDROGEN-RICH STREAM

• PROCEDE DE PREPARATION D'UN FLUX RICHE EN HYDROGENE

(71) HALDOR TOPSØE A/S [DK/DK]; Nymollevvej 55, DK-2800 Kgs. Lyngby (DK).

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

(72, 75) NIELSEN, Poul, Erik, Højlund [DK/DK]; Rolandsvej 3, DK-3480 Fredensborg (DK). HANSEN, John, Bogild [DK/DK]; Willemoesgade 39, 2.th, DK-2100 Copenhagen Ø (DK). SCHIØDT, Niels, Christian [DK/DK]; Risbyholmvej 20, DK-2700 Bronshøj (DK).

(74) HALDOR TOPSØE A/S; Nymollevvej 55, DK-2800 Kgs. Lyngby (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)⁷ C01B 3/48, 3/16

(11) WO 2004/087567 (13) A1

(21) PCT/EP2004/003159

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) PA 2003 00499 1 Apr/avr 2003 DK
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR THE PREPARATION OF A HYDROGEN-RICH STREAM

• PROCEDE DE PREPARATION D'UN FLUX RICHE EN HYDROGENE

(71) HALDOR TOPSØE A/S [DK/DK]; Nymollevvej 55, DK-2800 Kgs. Lyngby (DK).

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

(72, 75) NIELSEN, Poul, Erik, Højlund [DK/DK]; Rolandsvej 3, DK-3480 Fredensborg (DK). HANSEN, John, Bogild [DK/DK]; Willemoesgade 39, 2.th, DK-2100 Copenhagen Ø (DK). SCHIØDT, Niels, Christian [DK/DK]; Risbyholmvej 20, DK-2700 Bronshøj (DK).

(74) HALDOR TOPSØE A/S; Nymollevvej 55, DK-2800 Kgs. Lyngby (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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C01B 13/02, A62B 7/14, B01D 53/047, B64D 13/00

(11) WO 2004/087568 (13) A1

(21) PCT/FR2004/050119

(22) 22 Mar/mar 2004 (22.03.2004)

(25) fr (26) fr

(30) 0303715 26 Mar/mar 2003 FR
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM FOR SUPPLYING OXYGEN TO OCCUPANTS OF AN AIRCRAFT AND METHOD FOR USING SUCH A SYSTEM

• SYSTEME DE FOURNITURE D'OXYGENE A DES OCCUPANTS D'UN AERONEF ET PROCEDE DE MISE EN OEUVRE D'UN TEL SYSTEME

(71) L'AIR LIQUIDE, SOCIÉTÉ ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE [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, 75) LESSI, Stéphane [FR/FR]; 32, rue Gabriel Péri, F-38000 GRENOBLE (FR).

(74) LE MOËNNER, Gabriel; L'AIR LIQUIDE S.A., Direction Propriété Intellectuelle, 75, quai d'Orsay, F-75321 PARIS CEDEX 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).

Published / Publiée : (c)

(51)⁷ C01B 21/00

(11) WO 2004/087569 (13) A2

(21) PCT/US2004/009183

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/396,926 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THERMAL PROCESS FOR REDUCING THE CONCENTRATION OF DINITROGEN DIFLUORIDE AND DINITROGEN TETRAFLUORIDE IN NITROGEN TRIFLUORIDE

- PROCEDE THERMIQUE PERMETTANT DE REDUIRE LA CONCENTRATION DE DIFLUORURE DE DIAZOTE ET DE TETRAFLUORURE DE DIAZOTE DANS LE TRIFLUORURE D'AZOTE

(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) MAHLER, Barry, Asher [US/US]; 104 Carter Way, Glen Mills, PA 19342 (US). NAPPA, Mario, J. [US/US]; 3 Oakridge Court, Newark, DE 19711 (US).

(74) SHIPLEY, James E.; 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).

(51)⁷ C01B 31/02

(11) WO 2004/087570 (13) A1

(21) PCT/JP2003/004123

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PRODUCING CARBON NANOTUBE

- PROCEDE DE PRODUCTION DE NANOTUBE EN CARBONE

(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) KAWABATA, Akio [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) JP US.

(51)⁷ C01B 31/02

(11) WO 2004/087571 (13) A1

(21) PCT/JP2004/004646

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en

(26) en

(30) 10/404,279 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR SELECTIVE ENRICHMENT OF CARBON NANOTUBES

- PROCEDE D'ENRICHISSEMENT SELECTIF DE NANOTUBES DE CARBONE

(71) HONDA MOTOR CO. LTD. [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).

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

(72, 75) HARUTYUNYAN, Avetik [AM/US]; 2891 Brandon Road, Columbus, OH 43221 (US). TOKUNE, Toshio [JP/US]; 6297 Highland Drive, Dublin, OH 43017 (US).

(74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, 1000004 (JP).

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

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

(51)⁷ C01B 31/04

(11) WO 2004/087572 (13) A1

(21) PCT/KR2004/000712

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ko (26) en

(30) 10-2003-0020202 31 Mar/mar 2003 KR (31.03.2003)

(30) 10-2004-0016839 12 Mar/mar 2004 KR (12.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MANUFACTURING METHOD OF EXPANDED GRAPHITE PRODUCTS

- PROCEDE DE FABRICATION DE PRODUITS EN GRAPHITE EXPANSE

(71, 72) SHIN, Young Woo [KR/KR]; #3-1501 Kumho APT. Sinwol-dong, Yeosu-si, Jeonranam-do 550-773 (KR).

(74) PARK, Byung Chang; #301 Woojin Bldg., 1445-2 Seocho-dong, Seocho-ku, Seoul-si 137-070 (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)⁷ C01B 39/02, 39/46

(11) WO 2004/087573 (13) A1

(21) PCT/AU2004/000428

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003901594 4 Apr/avr 2003 AU (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ALUMINOSILICATES OF ZEOLITE N STRUCTURE

- ALUMINOSILICATES DE ZEOLITE A STRUCTURE N

(71) NANO CHEM HOLDINGS PTY LTD [AU/AU]; Level 6 Gehrman Laboratories, Research Road, University of Queensland, St Lucia, QLD 4070 (AU).

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

(72, 75) MACKINNON, Ian [AU/AU]; c/- Level 6 Gehrman Laboratories, Research Road, University of Queensland, St Lucia, QLD 4000 (AU). MILLAR, Graeme [GB/AU]; c/- Level 6 Gehrman Laboratories, Research Road, University of Queensland, St Lucia, QLD 4070 (AU). STOLZ, Wanda [AU/AU]; c/- Level 6 Gehrman Laboratories, Research Road, University of Queensland, St Lucia, QLD 4070 (AU).

(74) FISHER ADAMS KELLY; Level 13 AMP Place, 10 Eagle 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)⁷ C01F 11/18, B01F 17/52, C09D 17/00, 133/00, D21H 21/50

(11) WO 2004/087574 (13) A1

(21) PCT/JP2004/003985

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-096673 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISPERSANT FOR THE WET GRINDING OF HEAVY CALCIUM CARBONATE

- DISPERSANT POUR UN BROYAGE HUMIDE DE CARBONATE DE CALCIUM LOURD
- (71) **SAN NOPCO LTD.** [JP/JP]; 11, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKANO, Takashi** [JP/JP]; c/o San Nopco Ltd., 11, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto 6050995 (JP). **OHI, Hirofumi** [JP/JP]; c/o San Nopco Ltd., 11, Ikkyo Nomoto-cho, Higashiyama-ku, Kyoto-shi, Kyoto 6050995 (JP).
- (74) **FUJIWARA, Michihiko**; 49-31, Ujijadzuka, Uji-shi, Kyoto 6110021 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C01G 23/00**
- (11) **WO 2004/087576** (13) A1
- (21) PCT/IN2003/000098
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR SYNTHESIS OF GEIKIELITE
• PROCEDE DE SYNTHESE DE GEIKIELITE
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001, Maharashtra (IN).
- (72) **PARTHASARATHY, G.**; National Geophysical Research Institute, Uppal Road, Hyderabad 500 007, Andhra Pradesh (IN). **MANORAMA, S., V.**; Indian Institute of Chemical Technology, Tarnaka, Hyderabad 500 007, Andhra Pradesh (IN).
- (74) **SUBRAMANIAM, Hariharan et al.** / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048, 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 SD SE SG SK SL TJ TM TN TR TT TZ UA UG 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)⁷ **C01G 19/00, 30/00, 25/00, 35/00, C04B 35/457, 35/01, 35/488, 35/495, 35/50, 35/505**
- (11) **WO 2004/087575** (13) A1
- (21) PCT/IN2003/000131
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MG2MM' 06+X, (M=Y, RARE EARTH METAL, AND M'=SN, SB, ZR, HF, AND TA) COMPOUNDS AND A METHOD FOR THE PRODUCTION OF THE SAME
• COMPOSES DE MG2MM' 06+X, (M=Y, METAL DU GROUPE DES TERRES RARES, ET M'=SN, SB, ZR, HF, AND TA) ET LEUR PROCEDE DE PRODUCTION
- (71) **COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) **JAMES, Jose**; Regional Research Laboratory, Trivandrum, Kerala (IN). **SENTHIKUMAR, Selvaraj**; Regional Research Laboratory, Trivandrum, Kerala (IN). **NAIR, Kallumelthekeithil, Vasudevan, Pillai, Oonnikrishnan**; Regional Research Laboratory, Trivandrum, Kerala (IN).
- (74) **BHATNAGAR, Mahendra, Prasad**; Lall Lahiri & Salhotra, Plot No. B-28, Sector 32, Institutional Area, Gurgaon 122 001, Haryana (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 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)⁷ **C01G 23/047, A61K 33/00, 41/00, 47/48, 47/02, B01J 35/02**
- (11) **WO 2004/087577** (13) A1
- (21) PCT/JP2004/004635
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) ja (26) ja
- (30) 2003-94430 **31 Mar/mar 2003 JP (31.03.2003)**
- (30) 2003-340228 **30 Sep/sep 2003 JP (30.09.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SURFACE-MODIFIED TITANIUM DIOXIDE FINE PARTICLES AND DISPERSION COMPRISING THE SAME, AND METHOD FOR PRODUCING THE SAME
• FINES PARTICULES DE DIOXYDE DE TITANE MODIFIEES EN SURFACE, DISPERSION COMPRENANT CELLES-CI, ET PROCEDE DE PRODUCTION DESDITES PARTICULES
- (71) **TOTO LTD.** [JP/JP]; 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SONEZAKI, Shuji** [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). **BANZAI, Toshiaki** [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). **KANEHIRA, Koki** [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). **YAGI, Shinichi** [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). **OGAMI, Yumi** [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C01G 23/047**
- (11) **WO 2004/087578** (13) A1
- (21) PCT/KR2003/001063
- (22) **30 May/mai 2003 (30.05.2003)**
- (25) en (26) en
- (30) 10-2003-0021092 **3 Apr/avr 2003 KR (03.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • NON-ACIDIC, NON-BASIC COLLOID SOLUTION CONTAINING DISPERSED TITANIUM DIOXIDE, METHOD OF MANUFACTURING THE SAME, AND COATING MATERIAL COMPRISING THE COLLOID SOLUTION
• SOLUTION COLLOIDE NON BASIQUE, NON ACIDE CONTENANT DU DIOXYDE DE TITANE DISPERSE, PROCEDE DE FABRICATION ASSOCIE ET PRODUIT DE REVETEMENT COMPRENANT LADITE SOLUTION COLLOIDE
- (71, 72) **CHUNG, Hoon** [KR/KR]; 103-205 Doosan Apartment, 368 Galsan 2-dong, Bupyeong-gu, Incheon 403-804 (KR). **KO, Jung Chan** [KR/KR]; 101-1302 Heeyoung Moojigae Apartment, 395 Seonhak-dong Yeonsu-gu, Incheon 406-808 (KR). **SON, Tae Man** [KR/KR]; 102-206 Choheung Apartment, 918 Dongchung-dong, Yeonsu-gu, Incheon 406-130 (KR). **LEE, Kyoung Chul** [KR/KR]; 1-908 Hwanam 2nd Apartment, Pajang-dong, Jangnan-gu, Suwon-si, Gyeonggi-do 440-851 (KR).
- (74) **KIM, Yoon Bae**; Kims and Lees, International Patent and Law Offices, 8th floor, Dongduk Building, 151-8 Kwanhoon-dong, Jongro-gu, Seoul 110-300 (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).

(51)⁷ C02F 1/14

(11) WO 2004/087579 (13) A1

(21) PCT/AU2003/000394

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED SOLAR STILL

• DISTILLATEUR SOLAIRE PERFECTIONNE

(71, 72) WARD, John [AU/AU]; 92 Hall Street, Semaphore, South Australia 5019 (AU).

(74) COLLISON & CO; 117 King William Street, Adelaide, South Australia 5000 (AU).

(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)⁷ C02F 1/30, B01J 19/12

(11) WO 2004/087580 (13) A1

(21) PCT/IN2003/000116

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR SEPARATION AND RECOVERY OF POLYETHYLENE GLYCOL (PEG) FROM SPENT AQUEOUS TWO-PHASE SYSTEMS

• PROCEDE DE SEPARATION ET DE RECUPERATION DE POLYETHYLENE GLYCOL (PEG) A PARTIR DE SYSTEMES A DEUX PHASES AQUEUSES USEES

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) NAGARAJ, Naveen; Central Food Technological Research Institute, Mysore, Karnataka (IN). SAMPANGI, Chethana; Central Food Technological Research Institute, Mysore, Karnataka (IN). KARUMANCHI, Sreesaila, Mallikarjuna, Srinivas, Raghavara; Central Food Technological Research Institute, Mysore, Karnataka (IN).

Central Food Technological Research Institute, Mysore, Karnataka (IN).

(74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, E 556, Greater Kailash II, New Delhi 110 048 (IN).

(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)⁷ C02F 1/68, B01D 39/02

(11) WO 2004/087581 (13) A1

(21) PCT/JP2004/004537

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-93365 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WATER CLARIFICATION MATERIAL, WATER CLARIFICATION MEMBER, WATER CLARIFICATION APPARATUS AND SYSTEM FOR CIRCULATION AND UTILIZATION OF WATER

• MATIERE, ELEMENT ET APPAREIL DE CLARIFICATION D'EAU, ET SYSTEME DE CIRCULATION ET D'UTILISATION D'EAU

(71) ORDOS, INC. [JP/JP]; 7-24, Kita-Aoyama 2-chome, Minato-ku, Tokyo 107-0061 (JP). TAC CONSULTANT CO., LTD. [JP/JP]; 14-16, Nakano 2-chome, Nakano-ku, Tokyo 164-0001 (JP).

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

(72, 75) OKUMA, Hideo [JP/JP]; 5-18, Ohara 1-chome, Setagaya-ku, Tokyo 156-0041 (JP). HASHIMOTO, Takeshi [JP/JP]; 40-8, Nishidai 3-chome, Itabashi-ku, Tokyo 175-0045 (JP).

(74) NANJO, Shin-ichiro; Nanjo & Associates, Kubo Bldg., 7, Kanda Mitoshicho-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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C02F 3/02, 3/12, 11/02

(11) WO 2004/087582 (13) A1

(21) PCT/BE2003/000099

(22) 4 Jun/juin 2003 (04.06.2003)

(25) en (26) en

(30) PCT/BE03/00058 31 Mar/mar 2003 BE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR THE PURIFICATION OF WASTE WATER

• PROCEDE ET DISPOSITIF D'EPURATION DES EAUX USEES

(71) SEGHERS KEPPEL TECHNOLOGY GROUP [BE/BE]; Hoofd 1, B-2830 Willebroek (BE).

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

(72, 75) DELAPLACE, Paul [BE/BE]; Haagtse Baan 134, B-3140 Keerbergen (BE).

(74) BRANTS, Johan, Philippe, Emile et al. / etc.; De Clercq, Brants & Partners, E. Gevaertdreef 10a, B-9830 Sint-Martens-Latem (BE).

(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)⁷ C02F 3/12, 3/10

(11) WO 2004/087583 (13) A1

(21) PCT/IN2003/000118

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEQUENTIAL BATCH REACTOR WITH BIOFILM CONFIGURATION FOR TREATING COMPLEX CHEMICAL AND PHARMACEUTICAL EFFLUENTS

• REACTEUR A TRAITEMENT PAR LOTS SUCCESSIFS COMPRENANT UN FILM BIOLOGIQUE PERMETTANT LE TRAITEMENT D'EFFLUENTS COMPLEXES CHIMIQUES OU PHARMACEUTIQUES

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) SRINIVASULU, Reddy, Venkata, Mohan; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). SARMA, Ponnappalli, Nageswara; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). RAO, Nunna, Chandrasekhara; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). PRASAD, Katuri,

- Krishna**; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). **KONDAPURAM, Vijaya, Raghavan**; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN).
- (74) **SUBRAMANIAM, Hariharan** et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048 (IN).
- (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 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)⁷ C02F 3/32, 1/28
- (11) WO 2004/087584 (13) A1
- (21) PCT/IN2003/000109
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SYSTEM AND METHOD FOR THE TREATMENT OF WASTEWATER USING PLANTS
- SYSTEME ET PROCEDE POUR TRAITER DES EAUX USEES A L'AIDE DE PLANTES
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) KUMAR, Rakesh; National Environmental Engineering, Research Institute, Nagpur, Maharashtra (IN). TAYADE, Sandeep; National Environmental Engineering, Research Institute, Nagpur, Maharashtra (IN). SINGH, R., N.; National Environmental Engineering, Research Institute, Nagpur, Maharashtra (IN).
- (74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048 (IN).
- (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 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)⁷ C02F 11/00
- (11) WO 2004/087585 (13) A2
- (21) PCT/FR2004/000759
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) fr (26) fr
- (30) 03/03796 27 Mar/mar 2003 FR (27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR STABILISATION OF SLUDGES OR OTHER WASTE MATERIALS CONTAINING ORGANIC MATTER
- PROCEDE DE STABILISATION DE BOUES OU D'AUTRES DECHETS CHARGES EN MATIERES ORGANIQUES
- (71) OTV S.A. [FR/FR]; L'Aquarène, 1, place Montgolfier, F-94417 Saint Maurice Cédex (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARATTO, Gilles [FR/FR]; 14 bis, rue de la Folie Régnault, F-75011 Paris (FR). FERNANDES, Paulo [FR/FR]; 28, rue des Courcieux, F-78570 Andresy (FR). LEV-ASSEUR, Jean-Pierre [FR/FR]; 5, impasse des Bouvreuils, F-78112 Fourqueux (FR). PATRIA, Lucie [FR/FR]; 176, boulevard de Charonne, F-75020 Paris (FR).
- (74) LARCHER, D.; Cabinet Vidon, 16B, rue de Jouanet, B.P. 90333, F-35703 Rennes Cedex 7 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C02F 001/42, 001/52
- (11) WO 2004/087586 (13) A1
- (21) PCT/AU2004/000432
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 2003901583 4 Apr/avr 2003 AU (04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR TREATING CONCENTRATED SALT SOLUTIONS CONTAINING DOC
- PROCEDE DE TRAITEMENT DE SOLUTIONS SALINES CONCENTREES CONTENANT DU COD
- (71) ORICA AUSTRALIA PTY LTD [AU/AU]; 1 Nicholson Street, Melbourne, VIC 3000 (AU).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SENGUPTA, Arup, K. [US/US]; 3286 Marchant Drive, Bethlehem, PA 18017 (US). LI, Ping [CN/US]; 15 Duh Drive, Saucan Village, Bethlehem, PA 18018 (US). MURRAY, Brendan, J. [AU/AU]; 16 Pridham Street, Kensington, VIC 3031 (AU). HARRISON, Stuart, D. [AU/AU]; 21 Mitta Street, Box Hill North, VIC 3129 (AU).
- VERO, Gregory, M.** [AU/AU]; 2 Lynden Street, Camberwell, VIC 3124 (AU).
- (74) CARROLL, John, G. et al. / etc.; Davies Collision Cave, 1 Nicholson Street, Melbourne, VIC 3000 (AU).
- (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).
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- (51)⁷ C03B 5/24, C03C 1/00, C03B 5/02, 5/03, 5/193
- (11) WO 2004/087587 (13) A1
- (21) PCT/EP2004/003416
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) de (26) de
- (30) 103 14 955.4 2 Apr/avr 2003 DE (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MELTING AND REFINING IN BATHS WITH COOLED WALLS
- FUSION ET AFFINAGE DANS DES CUVES A PAROIS REFRIGERIEES
- (71) SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
- (for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KR NZ SG TZ UG US ZA)
- (71) CARL-ZEISS-STIFTUNG trading as SCHOTT GLAS [DE/DE]; Hattenbergerstrasse 10, 55122 Mainz (DE).
- (only for / seulement pour AT AU BE BF BG BJ BZ CF CG CH CI CM CY CZ DE DK EE ES FI FR GA GB GD GE GH GM GN GQ GR GS HU IL IN IT KE KG KP KR KZ LC LK LR LS LU MC MG ML MN MR MW MZ NE NL NZ PT RO SD SE SG SI SK SL SN SZ TD TG TR TT TZ UG VN ZA ZM ZW)
- (71) CARL-ZEISS-STIFTUNG [DE/DE]; 89518 Heidenheim an der Brenz (DE).
- (only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GQ GW JP KE KG KZ LC LK LR LS MG ML MN MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZM ZW)
- (72, 75) KIEFER, Werner [DE/DE]; Jupiterweg 19, 55126 Mainz (DE). RÖMER, Hildegard [DE/DE]; Heidegasse 9, 61184 Karben (DE). LENTES, Frank, Thomas [DE/DE]; Goethestrasse 9, 55411 Bingen (DE). RÄKE, Guido [DE/DE]; Waldlaubersheimer Strasse 34, 55452 Rümmlshheim (DE). OHMSTEDE, Volker [DE/DE]; An den Frankengräbern 13, 55249 Mainz (DE). NAUMANN, Karin [DE/DE]; Gutenbergstrasse 19, 55270 Ober-Olm (DE). LEISTER, Michael [DE/DE]; Am Wäldchenloch 9, 55257 Budenheim (DE). NÜSSE, Gerhard [DE/DE]; Bonhoeffer Str. 8, 07747 Jena (DE). RODEK, Erich [DE/DE]; Pliniusweg 28, 55126 Mainz (DE). SCHMIDBAUER,

Wolfgang [DE/DE]; Am Eiskeller 63, 55126 Mainz (DE).

(74) HERDEN, Andreas; Blumbach, Kramer & Partner GbR, Alexandra Str. 5, 65187 Wiesbaden (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)⁷ C03B 5/26, 5/28, C21B 7/12, F27B 3/10, F27D 3/15

(11) WO 2004/087588 (13) A1

(21) PCT/EP2004/001962

(22) 27 Feb/fév 2004 (27.02.2004)

(25) de (26) de

(30) 103 15 007.2 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE AND METHOD FOR CASTING AND DRAWING OUT MOLTEN IRON-CONTAINING AND MINERAL MATERIALS

• DISPOSITIF ET PROCEDE DE COULAGE ET DE SOUTIRAGE DE FUSIONS LIQUIDES DE SUBSTANCES FERRIQUES ET MINERALES

(71) THERMOSELECT AKTIENGESSELLSCHAFT [LI/LI]; Meierhofstrasse 2, FL-9490 Vaduz (LI).

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(72, 75) KISS, Günter, H. [DE/CH]; Via Rivapiana 18, CH-6648 Minusio (CH).

(74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C03B 23/025, 23/035, 35/20

(11) WO 2004/087589 (13) A2

(21) PCT/FR2004/000762

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr (26) fr

(30) 103 14 266.5 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR CROWNING GLASS SHEETS

• PROCEDE ET DISPOSITIF DE BOMBAGE DE VITRES

(71) SAINT-GOBAIN GLASS FRANCE [FR/FR]; 18 Avenue d'Alsace, F-92400 Courbevoie (FR).

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

(72, 75) OLLFISCH, Karl-Josef [DE/DE]; Waldstr.36, 52080 Aachen (DE). MEISSEN, Thomas [DE/DE]; Von-Stauffenberg-Str.4, 52499 Baesweiler (DE). RADERMACHER, Herbert [BE/BE]; Belven 118, B-4730 Raeren (BE). LABROT, Michael [DE/DE]; Scherbstr 78a, 52072 Aachen (DE).

(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)⁷ C03B 23/035

(11) WO 2004/087590 (13) A2

(21) PCT/FR2004/000716

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03/03686 26 Mar/mar 2003 FR (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CROWNING SHEETS OF GLASS BY PRESSING AND SUCTION

• PROCEDE DE BOMBAGE DE FEUILLES DE VERRE PAR PRESSAGE ET ASPIRATION

(71) SAINT-GOBAIN GLASS FRANCE [FR/FR]; 18, avenue d'Alsace, F-92400 Courbevoie (FR).

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

(72, 75) THELLIER, Hervé [FR/FR]; 28, rue Georges Brassens, F-60170 Pimprez (FR). MACHURA, Christophe [FR/FR]; 275, rue d'en Haut, F-60150 Chevincourt (FR). GOBIN, Jérôme [FR/FR]; Résidence Erables, 17, rue Jean Jaurès, F-60150 Thourotte (FR). GARNIER, Gilles [FR/FR]; 10 impasse des trois Doms, F-60420 Dompierre (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)⁷ C03B 23/035, 23/03

(11) WO 2004/087591 (13) A2

(21) PCT/FR2004/000763

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr (26) fr

(30) 103 14 267.3 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR BENDING GLASS SHEETS

• PROCEDE ET DISPOSITIF DE CINTRAGE DE VITRES

(71) SAINT-GOBAIN GLASS FRANCE [FR/FR]; 18, avenue d'Alsace, F-92400 Courbevoie (FR).

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

(72, 75) DIEDEREN, Werner [NL/DE]; Vogel-sang 7, 52134 Herzogenrath (DE). BORDERIOU, Arnaud [FR/BE]; Bergstr. 83, 4700 Eupen (BE). MEISSEN, Thomas [DE/DE]; Von-Stauffenberg-Str.4, 52499 Baesweiler (DE). RADERMARCHER, Herbert [BE/BE]; Blevan 118, 4730 Raeren (BE). RECKERS, Stefan [DE/DE]; Heckstr. 37, 52080 Aachen (DE).

(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)⁷ C03B 23/057, 23/13, G01N 27/36

(11) WO 2004/087592 (13) A1

(21) PCT/EP2004/050407

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 10315161.3 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR PRODUCING VITREOUS BODIES, A VITREOUS BODY AND A MEASURING PROBE

• PROCEDE ET DISPOSITIF POUR FABRIQUER DES CORPS DE VERRE, ET CORPS DE VERRE ET SONDE DE MESURE

(71) METTLER-TOLEDO GMBH [CH/CH]; Im Langacher, CH-8606 Greifensee (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HALLER, Wolfgang [US/US]; 4620 North Park Ave., Chevy Chase, MD 20815-4557 (US). HAYOZ, Othmar [CH/CH]; Im Bänz 7, CH-8902 Urdorf (CH). MERINO, David [CH/CH]; Badenerstrasse 260, CH-8004 Zürich (CH). ALLENSPACH, Thomas [CH/CH]; Wiesenweg 26, CH-5627 Besenbüren (CH).

(74) METTLER-TOLEDO GMBH; Patent Department, Im Langacher, P.O.Box MT-100, CH-8606 Greifensee (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 :

(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)⁷ C03B 27/044

(11) WO 2004/087593 (13) A1

(21) PCT/FI2004/000182

(22) 30 Mar/mar 2004 (30.03.2004)

(25) fi (26) en

(30) 20030482 31 Mar/mar 2003 FI (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONVECTION HEATING FURNACE FOR A TEMPERED GLASS SHEET
• FOUR A CHAUFFAGE A CONVECTION POUR FEUILLE DE VERRE TREMPÉ

(71) GLASSROBOTS OY [FI/FI]; Lasikaari 1, FI-33960 Pirkkala (FI).

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(72, 75) JÄRVINEN, Jouko [FI/FI]; Sudenkatu 31 A, FI-33530 Tampere (FI). LAMMI, Petri [FI/FI]; Annalankatu 6 A 4, FI-33710 Tampere (FI). VÄHÄ-ANTILA, Kari [FI/FI]; Vasatie 12 B, FI-37130 Nokia (FI).

(74) NIEMINEN, Taisto; Patenttitoimisto T Nieminen Oy, Kehräsaari B, FI-33200 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)⁷ C03B 37/023, 37/027

(11) WO 2004/087594 (13) A1

(21) PCT/IB2004/000870

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/460,121 3 Apr/avr 2003 US (03.04.2003)

(30) 10/804,232 19 Mar/mar 2004 US (19.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEAT EXCHANGER SYSTEM FOR COOLING OPTICAL FIBERS

• SYSTEME ECHANGEUR DE CHALEUR POUR LE REFROIDISSEMENT DE FIBRES OPTIQUES

(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 Cedex 07 (FR).

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(72) MARIN, Ovidiu; 1, rue de la Source, F-92210 St. Cloud (FR). GIACOBBE, Frederick, W.; 1086 Huntleigh Drive, Naperville, IL 60540 (US). GHANI, M., Usman; 410 Assembly Drive, Bolingbrook, IL 60440 (US).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ C03B 37/027

(11) WO 2004/087595 (13) A1

(21) PCT/IB2004/000600

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 60/460,673 4 Apr/avr 2003 US (04.04.2003)

(30) 60/464,191 21 Apr/avr 2003 US (21.04.2003)

(30) 10/765,468 28 Jan/jan 2004 US (28.01.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR COOLING A FIBER DURING DRAWING

• PROCEDE ET APPAREIL DE REFROIDISSEMENT D'UNE FIBRE AU COURS DE SON ETIRAGE

(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 Cedex 07 (FR).

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

(72) GIACOBBE, Frederick, W.; 1086 Huntleigh Drive, Naperville, IL 60540 (US). MARIN, Ovidiu; 1, rue de la Source, F-92210 St. Cloud (FR). PAGANESSI, Joseph, E.; 1432 Tomlin Drive, Burr Ridge, IL 60527 (US). GHANI, M., Usman; 410 Assembly Drive, Bolingbrook, IL 60440 (US). THERIAULT, Martin; 250 181st Drive, Apartment 314, Sunny Isles Beach, FL 33160 (US).

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

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

(i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)⁷ C03C 3/068, G02B 1/00

(11) WO 2004/087596 (13) A1

(21) PCT/JP2004/004470

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-095063 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL GLASS
• VERRE OPTIQUE

(71) NIHON YAMAMURA GLASS CO., LTD. [JP/JP]; 2-21, Hamamatsubaracho, Nishinomiya-shi, Hyogo 6628586 (JP).
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(72, 75) MORI, Umihiko [JP/JP]; c/o Nihon Yamamura Glass Co., Ltd., 2-21, Hamamatsubaracho, Nishinomiya-shi, Hyogo 6628586 (JP). KONISHI, Akio [JP/JP]; c/o Nihon Yamamura Glass Co., Ltd., 2-21, Hamamatsubaracho, Nishinomiya-shi, Hyogo 6628586 (JP). TANIGAMI, Yoshinori [JP/JP]; c/o Nihon Yamamura Glass Co., Ltd., 2-21, Hamamatsubaracho, Nishinomiya-shi, Hyogo 6628586 (JP).

(74) MUROTA, Rikio; 8F., Sankyoseiko-Sukai Bldg., 101, Edomachi, Chuo-ku, Kobe-shi, Hyogo 6500033 (JP).

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

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

(51)⁷ C03C 3/091, 3/078, 3/083, 3/085, 3/087, 3/089

(11) WO 2004/087597 (13) A1

(21) PCT/JP2004/004626

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja

(30) 2003-094993 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ALKALI-FREE GLASS
• VERRE SANS ALCALIS

(71) ASAHI GLASS COMPANY LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1008405 (JP).
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(72, 75) NISHIZAWA, Manabu [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP). KASE, Junichirou [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C03C 17/36

(11) WO 2004/087598 (13) A2

(21) PCT/US2004/008695

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/400,080 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEAT TREATABLE COATED ARTICLE WITH ZINC OXIDE INCLUSIVE CONTACT LAYER(S)
• ARTICLE REVETU POUVANT ETRE TRAITE A CHAUDET POURVU D'UNE OU DE PLUSIEURS COUCHES DE CONTACT INCLUANT DE L'OXYDE DE ZINC

(71) GUARDIAN INDUSTRIES CORP. [US/US]; 2300 Harmon Road, Auburn Hills, MI 48326-1714 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEUMAN, George [US/US]; 3828 Highlander Way East, Ann Arbor, MI 48108 (US). LINGLE, Philip, J. [US/US]; 43 E. Temperance Road, Temperance, MI 48182 (US). LAIRD, Ronald, E. [US/US]; 3540 Lexington Circle, Dexter, MI 48130 (US). SEDER, Thomas, A. [US/US]; 42199 Crestview Circle, Northville, MI 48167 (US). STACHOWIAK, Grzegorz [US/US]; 3712

Knollwood Circle, Ann Arbor, MI 48108 (US).

(74) RHOA, Joseph, A.; Nixon & Vanderhye 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)⁷ C03C 25/26, C08J 5/06

(11) WO 2004/087599 (13) A1

(21) PCT/US2004/009090

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,209 27 Mar/mar 2003 US
(27.03.2003)

(30) 10/789,206 27 Feb/fév 2004 US
(27.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SIZING FORMULATION FOR PHENOLIC PULTRUSION AND METHOD OF FORMING SAME
• FORMULATION D'ENCOLLAGE POUR EXTRUSION PAR ETIRAGE PHENOLIQUE ET SON PROCEDE DE FABRICATION

(71) OWENS CORNING [US/US]; The Owens Corning Parkway, Toledo, OH 43659 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANTLE, Jeffrey, L. [US/US]; 17550 FM 2590, Canyon, TX 79015 (US). HOLMAN, Donald, R. [US/US]; 7318 Smoketree Drive, Amarillo, TX 79124 (US).

(74) BARNES, Stephen, W.; Owens Corning Science & Technology Center, 2790 Columbus Road, Bldg. 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).

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(25) en (26) en

(30) 60/457,992 27 Mar/mar 2003 US
(27.03.2003)(30) 60/508,726 3 Oct/oct 2003 US
(03.10.2003)(30) 10/716,241 18 Nov/nov 2003 US
(18.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CEMENTITIOUS COMPOSITION

• COMPOSITION DE CIMENT

(71) RESEARCH INCUBATOR, LTD.
[US/US]; 4806 Avenue C, Corpus Christi,
TX 78410 (US).(for all designated States except / pour tous
les États désignés sauf US)(72) TIMMONS, Scott, F.; 371 County Road
387, San Antonio, TX 78253 (US).(74) MORRIS, Paula, D.; The Morris Law Firm,
P.C., Suite 360, 10260 Westheimer, Houston,
TX 77042-3110 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C04B 2/10, C01F 11/06, 11/02, C04B 2/12

(11) WO 2004/087601 (13) A1

(21) PCT/KR2004/000364

(22) 23 Feb/fév 2004 (23.02.2004)

(25) ko (26) en

(30) 10-2003-0011270 24 Feb/fév 2003 KR
(24.02.2003)(30) 10-2003-0033462 26 May/mai 2003 KR
(26.05.2003)(30) 10-2003-0037208 10 Jun/juin 2003 KR
(10.06.2003)(30) 10-2003-0056981 18 Aug/août 2003 KR
(18.08.2003)(30) 10-2003-0072039 16 Oct/oct 2003 KR
(16.10.2003)(30) 10-2003-0072038 16 Oct/oct 2003 KR
(16.10.2003)(30) 10-2003-0079184 10 Nov/nov 2003 KR
(10.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND BURNER APPARA-
TUS FOR INJECTING A PULVER-
IZED COAL INTO ROTARY KILNS,METHOD AND APPARATUS FOR
PRODUCING CaO USING THEM• PROCEDE ET BRULEUR PERMET-
TANT D'INJECTER DU CHARBON
PULVERISE DANS UN FOUR ROTA-
TIF, PROCEDE ET APPAREIL PER-
METTANT DE PRODUIRE CAO A
L'AIDE DESDITS PROCEDE ET BRU-
LEUR(71) POSCO [KR/KR]; 1 Koedong-dong
Nam-ku, Pohang Kyung-sangbook-do,
790-300 (KR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) YOUNG, Jong-Og [KR/KR]; c/o
POSCO, 5 Dongchon-dong Nam-ku,
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(KR). JUNG, Soon-Tae [KR/KR]; c/o
POSCO, 5 Dongchon-dong Nam-ku,
Pohang Kyung-sangbook-do, 790-360
(KR). KIM, Young-Choun [KR/KR];
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Pohang Kyung-sangbook-do, 790-360
(KR). LEE, Hee-Geun [KR/KR]; c/o
POSCO, 5 Dongchon-dong Nam-ku, Pohang
Kyung-sangbook-do, 790-360 (KR). KWON,
Young-Bok [KR/KR]; c/o POSCO, 5 Dong-
chon-dong Nam-ku, Pohang Kyung-sang-
book-do, 790-360 (KR). LEE, Bock-Wha
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790-360 (KR). YOO, Yeoung-Ok [KR/KR];
c/o POSCO, 5 Dongchon-dong Nam-ku,
Pohang Kyung-sangbook-do, 790-360 (KR).(74) C & S PATENT AND LAW OFFICE;
C-2306 Daelim Acrotel, 467-6 Dogok-dong
Kangnam-gu, Seoul 135-971 (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).(51)⁷ C04B 24/26, 24/32

(11) WO 2004/087602 (13) A1

(21) PCT/EP2004/002254

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 2003-100709 3 Apr/avr 2003 JP
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CEMENT ADDITIVE

• ADDITIF POUR CIMENT

(71) CONSTRUCTION RESEARCH &
TECHNOLOGY GMBH [DE/DE]; Patente,
Marken, Dr. Albert-Frank-Strasse 32, 83308
Trostberg (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MATSUMOTO, Toshimi [JP/JP];
c/o Chuo-Kenkyusho, NMB Ltd.,2722 Hagizono, Chigasaki-shi, Kana-
gawa-Ken (JP). ASMUS, Sven [DE/JP];
c/o Chuo-Kenkyusho, NMB Ltd., 2722 Ha-
gizono, Chigasaki-shi, Kanagawa-Ken (JP).
GERHARD, Albrecht [DE/DE]; Dr.-Al-
bert-Frank-Strasse 32, 83308 Trostberg
(DE). LORENZ, Klaus [DE/DE]; Dr.-Al-
bert-Frank-Strasse 32, 83308 Trostberg
(DE). WAGNER, Petra [DE/DE]; Dr.-Al-
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SCHOLZ, Christian [DE/DE]; Dr.-Al-
bert-Frank-Strasse 32, 83308 Trostberg (DE).(74) CONSTRUCTION RESEARCH &
TECHNOLOGY GMBH; Patente, Marken,
Dr. Albert-Frank-Strasse 32, 83308 Trostberg
(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)⁷ C04B 24/32, 24/26, C09K 3/10

(11) WO 2004/087603 (13) A1

(21) PCT/EP2004/003006

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 10314599.0 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USE OF A CROSS-LINKED POLYMER
COMPOSITION AS A WATER-AB-
SORBING CONSTITUENT IN SEAL-
ING AND ABSORPTION MATERIALS,
AND AS AN ADMIXTURE FOR CON-
CRETE• UTILISATION D'UNE COMPOSITION
POLYMERE RETICULEE EN TANT
QUE CONSTITUANT ABSORBANT
L'EAU DANS DES MATERIAUX
D'ETANCHEITE ET ABSORBANTS
AINSI QU'EN TANT QU'ADJUVANT
DU BETON(71, 72) MANG, Thomas [DE/DE]; Saalanger-
strasse 40, 82377 Penzberg (DE).(74) WIBBELMANN, Jobst; Wuesthoff &
Wuesthoff, Schweigerstrasse 2, 81541
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)⁷ **C04B 28/00**
- (11) **WO 2004/087604** (13) A2
- (21) PCT/US2004/008927
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 10/400,270 **27 Mar/mar 2003 US (27.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **READY-MIXED SETTING-TYPE COMPOSITION AND RELATED KIT**
• COMPOSITION TOUTE PREPAREE DE TYPE SOLIDIFIANT ET KIT CONNEXE
- (71) **UNITED STATES GYPSUM COMPANY** [US/US]; 125 South Franklin Street, Chicago, IL 60606-4678 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIU, Qingxia** [CA/US]; 108 North Fiore Parkway, Vernon Hills, IL 60061 (US). **NATESAIYER, Kumar** [US/US]; 1206 Prairie Orchard Lane, Grayslake, IL 60030 (US). **YU, Qiang** [US/US]; 1252 Sandpiper Court, Grayslake, IL 60030 (US).
- (74) **HASAN, Salim, A.**; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 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).
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- (51)⁷ **C04B 28/02, 20/10, 40/06**
- (11) **WO 2004/087606** (13) A1
- (21) PCT/EP2004/003519
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) de (26) de
- (30) 103 15 270.9 **3 Apr/avr 2003 DE (03.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **POWDERY BUILDING COMPOUND**
• COMPOSITION DE MATERIAU DE CONSTRUCTION PULVERULENTE
- (71) **CONSTRUCTION RESEARCH & TECHNOLOGY GMBH** [DE/DE]; Dr. Albert-Frank-Str. 32, 83308 Trostberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOLLAND, Uwe** [DE/DE]; Federteilstückstr. 12, 86517 Wehringen (DE). **DEGENKOLB, Matthias** [DE/DE]; Wittelsbacher Str. 2, 86199 Augsburg (DE). **RIED-MILLER, Joachim** [DE/DE]; Metzstr. 19e, 86316 Friedberg (DE). **GÄBERLEIN, Peter** [DE/DE]; Bauernfeindstr. 18a, 86159 Augsburg (DE). **STOHR, Werner** [DE/DE]; Wilhelm-Hauff-Str. 28, 86161 Augsburg (DE). **PFEUFFER, Thomas** [DE/DE]; Sepp-Kiene-Str. 7, 83308 Trostberg (DE). **HUBER, Christian** [DE/DE]; Söldenhofstrasse 16, 83308 Trostberg (DE).
- (74) **WEICKMANN & WEICKMANN**; Postfach 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).
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- (51)⁷ **C04B 28/02, 28/04, 16/08, 38/02, 38/10, 20/00**
- (11) **WO 2004/087605** (13) A1
- (21) PCT/EP2004/003458
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) de (26) de
- (30) 103 14 879.5 **1 Apr/avr 2003 DE (01.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **LIGHTWEIGHT CONCRETE AND METHOD FOR THE PRODUCTION THEREOF**
• **BETON LEGER ET PROCEDE DE FABRICATION ASSOCIE**
- (71) **SPRUNGALA, Hubert** [DE/DE]; Aldringenstrasse 17, 87700 Memmingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEINRICH, Jörg** [DE/DE]; Hauptstrasse 6, 99310 Görtitzhausen WT. (DE). **ERTEN, Ercan** [DE/DE]; Moritz-Hill-Strasse 55, 06667 Weissenfels (DE).
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- (51)⁷ **C04B 28/14, 40/00 // (C04B 28/14, 7:02, 16:08, 18:24)**
- (11) **WO 2004/087607** (13) A1
- (21) PCT/CZ2003/000062
- (22) **30 Oct/oct 2003 (30.10.2003)**
- (25) de (26) de
- (30) PV 2003-953 **4 Apr/avr 2003 CZ (04.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **MIXTURE FOR THE PRODUCTION OF CONSTRUCTION ELEMENTS**
• **MELANGE ET PROCEDE POUR PRODUIRE DES ELEMENTS DE CONSTRUCTION**
- (71, 72) **DAXNER, Jaromir** [CZ/CZ]; K pískovne 847, 739 34 Senov (CZ).
- (74) **BOCEK, Josef**; Delnická 19/1168, 736 01 Havířov-Mesto (CZ).
- (81) AE AG AL AM AT AU AZ BA BG BR BW BY CA CN CU GH HU ID IL JP KP KR LK LT MK MN MX NO PL RO RU SG SK TJ TR UA US VN YU.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C04B 35/00, H01G 4/12**
- (11) **WO 2004/087608** (13) A1
- (21) PCT/JP2004/004144
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) ja (26) ja
- (30) 2003-095668 **31 Mar/mar 2003 JP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **ELECTRODE STEP DIFFERENCE OFFSETTING PRINT PASTE AND PRODUCTION METHOD FOR ELECTRONIC COMPONENTS**
• **PATE D'IMPRESSION PERMETTANT DE COMPENSER LA DIFFERENCE D'INTERVALLE INTER-ELECTRODES ET PROCEDE DE PRODUCTION DE COMPOSANTS ELECTRONIQUES**
- (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) **YAMAGUCHI, Akira** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **SATOU, Shigeki** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **TOKUOKA, Yasumichi** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP).
- (74) **MAEDA, Hitoshi et al.** / etc.; Maeda & Nishide 2F, Kiriya Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo, 1010064 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C04B 35/10, 35/66, F27D 1/00

(11) WO 2004/087609 (13) A1

(21) PCT/JP2004/004576

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-097062 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CHROMIUM-FREE MONOTHILIC REFRACTORY FOR MELTING FURNACE FOR WASTE AND MELTING FURNACE FOR WASTE LINED WITH THE SAME

• MATIERE REFRACTAIRE MONOLITHIQUE EXEMPT DE CHROME POUR FOUR DE FUSION DE DECHETS ET FOUR DE FUSION DE DECHETS POSSEDANT UN GARNISSAGE CONSTITUE DE LADITE MATIERE

(71) KROSAKIHARIMA CORPORATION [JP/JP]; 1-1, Higashihama-machi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-8586 (JP).

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

(72, 75) TSUDA, Hideyuki [JP/JP]; c/o Krosakiharima Corporation, 1-1, Higashihama-machi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-8586 (JP). KITAZAWA, Yutaka [JP/JP]; c/o Krosakiharima Corporation, 1-1, Higashihama-machi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-8586 (JP).

(74) KOHORI, Susumu et al. / etc.; Hakata-Shin-Mitsui Bldg., 1-1, Hakataeki-mae 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (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).

Published / Publiée : (c)

(51)⁷ C04B 35/14

(11) WO 2004/087610 (13) A2

(21) PCT/FR2004/000589

(22) 11 Mar/mar 2004 (11.03.2004)

(25) fr (26) fr

(30) 03/03774 27 Mar/mar 2003 FR (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INORGANIC MATERIAL WITH A HIERARCHICAL STRUCTURE AND METHOD FOR THE PREPARATION THEREOF

• MATERIAU INORGANIQUE A STRUCTURE HIERARCHISEE, ET PROCEDE POUR SA PREPARATION

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75016 Paris (FR). UNIVERSITE DES SCIENCES ET TECHNOLOGIES (BORDEAUX 1) [FR/FR]; 351, cours de la Libération, F-33405 Talence (FR).

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

(72, 75) BACKOV, Rénal [FR/FR]; Résidence Louis Gabriel, 10, rue Bellus-Marceilhac, F-33200 Bordeaux (FR). COLIN, Annie [FR/FR]; 24, rue Hourtin, F-33000 Bordeaux (FR).

(74) SUEUR, Yvette et al. / etc.; 109, 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).

(51)⁷ C04B 35/46, H01L 41/187

(11) WO 2004/087611 (13) A1

(21) PCT/JP2004/003769

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-89762 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PIEZOELECTRIC CERAMIC

• CERAMIQUE PIEZOELECTRIQUE

(71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

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

(72, 75) TSUKADA, Takeo [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). AZUMA, Tomohisa [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). HISOSE, Masakazu [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(74) YONEDA, Junzo et al. / etc.; 4F, Matsui Bldg., 28-2, Kanda Tomiyama-cho, Chiyoda-ku, Tokyo 101-0043 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ C04B 35/524, 38/00

(11) WO 2004/087612 (13) A1

(21) PCT/GB2004/001413

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307332.7 29 Mar/mar 2003 GB (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SHAPED POROUS MATERIALS

• MATERIAUX POREUX FAÇONNES

(71) CARBON TECHNOLOGIES NV [NL/NL]; Landhuis Joonch, Kaya Richard J Beaujon, Caracao (AN).

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

(72, 75) BLACKBURN, Andrew, John [GB/GB]; 32 Chalk Ridge, Winchester, Hampshire SO23 0QW (GB). TENNISON, Stephen, Robert [GB/GB]; 62 Farleigh Road, New Haw, Addlestone, Surrey KT15 3HR (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)⁷ C04B 35/632, 35/634

(11) WO 2004/087613 (13) A1

(21) PCT/JP2004/003516

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-095449 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COATING COMPOSITION FOR GREEN SHEET, GREEN SHEET, METHOD FOR PRODUCING GREEN SHEET, AND METHOD FOR PRODUCING ELECTRONIC COMPONENT

• COMPOSITION DE REVETEMENT POUR FEUILLE VERTE, FEUILLE VERTE, PROCEDE DE PRODUCTION

DE FEUILLE VERTE ET PROCEDE
DE PRODUCTION DE COMPOSANT
ELECTRONIQUE

(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) **KOBAYASHI, Hisashi** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **ABE, Kyotaro** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **SATO, Shigeki** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP).

(74) **MAEDA, Hitoshi et al.** / etc.; MAEDA & NISHIDE, 2F, Kiriya Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo, 1010064 (JP).

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

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

(51)⁷ C04B 35/634

(11) **WO 2004/087614** (13) A1

(21) PCT/JP2004/003517

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-095546 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COATING COMPOSITION FOR GREEN SHEET, GREEN SHEET, METHOD FOR PRODUCING GREEN SHEET, AND METHOD FOR PRODUCING ELECTRONIC COMPONENT

• COMPOSITION D'ENROBAGE DESTINEE A UNE FEUILLE VERTE, FEUILLE VERTE, PROCEDE DE PRODUCTION D'UNE FEUILLE VERTE ET PROCEDE DE PRODUCTION D'UN COMPOSANT ELECTRONIQUE

(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) **ABE, Kyotaro** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **KOBAYASHI, Hisashi** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP). **SATO, Shigeki** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo, 1038272 (JP).

(74) **MAEDA, Hitoshi et al.** / etc.; MAEDA & NISHIDE, 2F, Kiriya Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo, 1010064 (JP).

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

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

(51)⁷ C04B 35/80, 35/78, C09K 21/02, B28B 1/52

(11) **WO 2004/087615** (13) A1

(21) PCT/EP2004/003266

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 14 271.1 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CREEP AND THERMOSHOCK RESISTANT FIBRE COMPOSITE MATERIAL
• MATERIAU DE FIBRES COMPOSITE RESISTANT AU FLUAGE ET AU CHOC THERMIQUE

(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) **NEUBRAND, Achim** [DE/DE]; Richard Strauss Strasse 15, 79104 Freiburg (DE). **SCHÄUBLE, Ralf** [DE/DE]; Fischer-von-Erlach-Strasse 11, 06114 Halle (DE). **MASCHKE, Hans-Günter** [DE/DE]; Willi Dolgner Strasse 17, 06118 Halle (DE). **THIELICKE, Bärbel** [DE/DE]; Schönbbergstrasse 29, 79194 Gundelfingen (DE). **SCHÄFER, Roland** [DE/DE]; Tränkestrasse 15, 79114 Freiburg (DE). **WESTERHEIDE, Ralf** [DE/DE]; Zum Litzfürst 12, 79194 Gundelfingen (DE).

(74) **RÖSLER, Uwe**; Landsberger Strasse 480a, 81241 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)⁷ C04B 41/86

(11) **WO 2004/087616** (13) A1

(21) PCT/JP2004/004567

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-096030 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CERAMIC DECORATION SYSTEM AND CERAMIC MANUFACTURING METHOD

• SYSTEME DE DECORATION DE CERAMIQUE ET PROCEDE DE PRODUCTION DE CERAMIQUE

(71) **TOTO LTD.** [JP/JP]; 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyusyu-shi, Fukuoka 802-8601 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOBAYASHI, Hideki** [JP/JP]; c/o TOTO LTD., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyusyu-shi, Fukuoka 802-8601 (JP).

(74) **TOKKYO GYOMUHOJIN MEISEI INTERNATIONAL PATENT FIRM**; Mitsui-Sumitomo Bank Bldg., 7th Floor, 18-19, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C05F

(11) **WO 2004/087617** (13) A2

(21) PCT/IN2003/000113

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USE OF ANIMAL URINE FOR EFFICIENT AND QUALITY VERMICOMPOSTING AND RECYCLING SLOW DEGRADING AND UNCONVENTIONAL SUBSTRATES AND THE PROCESS FOR THE SAME

• UTILISATION DE L'URINE ANIMALE POUR UN LOMBRICOMPOSTAGE EFFICACE ET DE QUALITE, RECYCLAGE DE SUBSTRATS NON CONVENTIONNELS A DEGRADATION LENTE, PROCEDES DE REALISATION ASSOCIES

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) **KHANUJA, Suman, Preet, Singh**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **KALRA, Alok**; National Chemical Laboratory, Pune 411 008, Maharashtra (IN). **TIRUPPADIYUR, Ranganathan, Santha, Kumar**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh

(IN). **DAROKAR, Mahendra, Pandurang**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SHASANY, Ajit, Kumar**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **PATRA, Dharni, Dhar**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **TOMAR, Virendra, Kumar, Singh**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **DHAWAN, Om, Parkash**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **PANDEY, Rakesh**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **BANSAL, Ravi, Prakash**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **LAL, Raj, Kishori**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **RAM, Govind**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **PAL, Anirban**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN).

(74) **SUBRAMANIAM, Hariharan et al. / etc.**; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048 (IN).

(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 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).

(51)⁷ C05F 3/00, C05G 3/02

(11) WO 2004/087618 (13) A1

(21) PCT/IN2004/000078

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/458,372 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SYNERGISTIC FERMENTED PLANT GROWTH PROMOTING, BIO-CONTROL COMPOSITION

• COMPOSITION SYNERGIQUE FERMENTEE DE LUTTE BIOLOGIQUE, FAVORISANT LA CROISSANCE VEGETALE

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]**; Rafi Marg, New Delhi 110 001 (IN).

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

(72, 75) **NAUTIYAL, Chandra, Shekhar [IN/IN]**; National Botanical Research Institute, Rana Pratap Marg, P.B. No.436, Lucknow, Uttar Pradesh 226 001 (IN). **MEHTA,**

Sangeeta [IN/IN]; National Botanical Research Institute, Rana Pratap Marg, P.B. No.436, Lucknow, Uttar Pradesh 226 001 (IN). **SINGH, Harikesh, Bahadur [IN/IN]**; National Botanical Research Institute, Rana Pratap Marg, P.B. No.436, Lucknow, Uttar Pradesh 226 001 (IN). **MANSINGHKA, Sunil, Balkrishna [IN/IN]**; Go-vigyan Anusandhan Kendra, Deolapur, Nagpur (IN). **DAWLE, Suresh, Haribhau [IN/IN]**; Go-vigyan Anusandhan Kendra, Deolapur, Nagpur (IN). **RAJHANS, Naryan, Eknath [IN/IN]**; Go-vigyan Anusandhan Kendra, Deolapur, Nagpur (IN). **PUSHPANGADAN, Palpu [IN/IN]**; National Botanical Research Institute, Rana Pratap Marg, P.B. No.436, Lucknow, Uttar Pradesh 226 001 (IN).

(74) **BHOLA, Ravi et al. / etc.**; K & S Partners, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (IN).

(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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ C05G

(11) WO 2004/087619 (13) A2

(21) PCT/US2004/009037

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,520 28 Mar/mar 2003 US (28.03.2003)

(30) 10/717,076 18 Nov/nov 2003 US (18.11.2003)

(30) 10/716,837 18 Nov/nov 2003 US (18.11.2003)

(30) 10/716,839 18 Nov/nov 2003 US (18.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS AND APPARATUS FOR CONVERSION OF ORGANIC, WASTE, OR LOW-VALUE MATERIALS INTO USEFUL PRODUCTS

• PROCEDE ET APPAREIL DE CONVERSION DE MATIERES ORGANIQUES, DECHETS OU PRODUITS DE FAIBLE VALEUR EN PRODUITS UTILES

(71) **AB-CWT, LLC [US/US]**; 460 Hempstead Avenue, West Hempstead, NY 11552 (US).

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

(72, 75) **APPEL, Brian, S. [US/US]**; 233 Locust Street, West Hempstead, NY 11552 (US).

ADAMS, Terry, N. [US/US]; 5950 Beverly Avenue, NE, Tacoma, WA 98422 (US). **ROBERTS, Michael, J. [US/US]**; 950 Willow Street, Itasca, DuPage County, IL 60143 (US). **LANGE, William, F. [US/US]**; 1920-B Wilmette Avenue, Wilmette, IL 60091 (US). **FREISS, James, H. [US/US]**; 25 Quaker Hill Road, Stony Brook, NY 11790 (US). **EINFELDT, Craig, Timothy [US/US]**; 10 Medway Circle, Collegeville, PA 19426 (US). **CARNESI, Michael, Charles [US/US]**; 1017 Brook Avenue, Secane, PA 19018 (US).

(74) **KOHLER, Thomas, D. 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 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 VN YU ZA ZM ZW.

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

(51)⁷ C05G 1/00, C05C 1/02, C05D 1/00

(11) WO 2004/087620 (13) A1

(21) PCT/RU2003/000296

(22) 7 Jul/juil 2003 (07.07.2003)

(25) ru (26) ru

(30) 2003109419 4 Apr/avr 2003 RU (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING A NITROGEN-POTASSIUM FERTILISER

• PROCEDE DE PRODUCTION D'UN ENGRAIS A BASE D'AZOTE ET DE POTASSIUM

(71) **JOINT STOCK COMPANY "MINERAL AND CHEMICAL COMPANY "EUROCHEM" [RU/RU]**; ul. Sadovnicheskaya, 3, Moscow, 115035 (RU).

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

(72, 75) **LIPOCHKIN, Sergei Vasilievich [RU/RU]**; Komsomolskaya ul., 7/3-46, Shchelkovo, Moskovskaya obl., 141100 (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 NO NZ OM PH PL PT RO SD SE SG SK SL TJ TM TN TR TT TZ UA UG 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).

- (51)⁷ C05G 1/00, C05C 1/02, C05D 1/00
(11) WO 2004/087621 (13) A1
(21) PCT/RU2003/000297
(22) 7 Jul/juil 2003 (07.07.2003)
(25) ru (26) ru
(30) 2003109420 4 Apr/avr 2003 RU
(04.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • METHOD FOR PRODUCING A NITRO-
GEN-POTASH FERTILISER
• PROCEDE DE PRODUCTION D'UN
ENGRAIS A BASE D'AZOTE ET DE
POTASSIUM
(71) JOINT STOCK COMPANY "MINERAL
AND CHEMICAL COMPANY" [RU/RU];
ul. Sadovnicheskaya, 3, Moscow, 115035
(RU).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) LIPOCHKIN, Sergey Vasilievich
[RU/RU]; Komsomolskaya ul., 7/3-46,
Shchelkovo, Moskovskaya obl., 141100
(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 NO NZ OM PH PL PT RO
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).
-
- (51)⁷ C07C
(11) WO 2004/087622 (13) A2
(21) PCT/EP2004/004132
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
(30) 03290831.1 2 Apr/avr 2003 EP
(02.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • GPR54 RECEPTOR AGONIST AND
ANTAGONIST USEFUL FOR THE
TREATMENT OF GONADOTROPIN
RELATED DISEASES
• AGONISTE ET ANTAGONISTE DU RE-
CEPTEUR DE GPR54 UTILE DANS LE
TRAITEMENT DE MALADIES ASSO-
CIEES A LA GONADOTROPHINE
(71) INSTITUT NATIONAL DE LA SANTE
ET DE LA RECHERCHE MEDICALE
[FR/FR]; 101, rue de Tolbiac, F-75654 Paris
Cedex 13 (FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
(71) UNIVERSITE RENE DESCARTES
PARIS V [FR/FR]; 12, rue de l'Ecole de
Médecine, F-75270 Paris Cedex 06 (FR).
*(for all designated States except / pour tous
les États désignés sauf UA)*
(71) UNIVERSITE PARIS-SUD XI [FR/FR];
15, rue Georges Clémenceau, F-91405 Orsay
Cedex (FR).

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

- (72, 75) DE ROUX, Nicolas [FR/FR]; 128, rue
Henri Litolf, F-92270 Bois-Colombes (FR).
GENIN, Emmanuelle [FR/FR]; 3, rue Friant,
F-75014 Paris (FR). MILGROM, Edwin
[FR/FR]; 14, boulevard Colbert, F-92330
Sceaux (FR). CHAUSSAIN, Jean-Louis
[FR/FR]; 11, rue Sédillot, F-75007 Paris
(FR). CAREL, Jean-Claude [FR/FR]; 30,
rue Saint James, F-92200 Neuilly sur Seine
(FR).
(74) CABINET HIRSCH; Groupement 161, 34,
rue de Bassano, 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)
(u) for / pour US only / seulement

-
- (51)⁷ C07C
(11) WO 2004/087623 (13) A2
(21) PCT/IN2004/000054
(22) 5 Mar/mar 2004 (05.03.2004)
(25) en (26) en
(30) 248/MUM/2003 7 Mar/mar 2003 IN
(07.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • AN IMPROVED PROCESS FOR THE
PREPARATION OF (R) (-) TAMSU-
LOSIN HYDROCHLORIDE
• PROCEDE AMELIORE DE PREPA-
RATION DE (R) (-) TAMSULOSINE
CHLORHYDRATE
(71) ALEMBIC LIMITED [IN/IN]; Alembic
Road, Vadodara, Gujarat 390 003 (IN).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) SUHAS, Sohani [IN/IN]; Alembic Lim-
ited, Alembic Road, Vadodara, Gujarat 390
003 (IN). DEODHAR, Mandar Manohar
[IN/IN]; Alembic Limited, Alembic Road,
Vadodara, Gujarat 390 003 (IN). PATEL,
Nishant Mahendra [IN/IN]; Alembic Lim-
ited, Alembic Road, Vadodara, Gujarat

390 003 (IN). PATEL, Manish K [IN/IN];
Alembic Limited, Alembic Road, Vadodara,
Gujarat 390 003 (IN). KANSAL, Vinod
Kumar [IN/IN]; Alembic Limited, Alembic
Road, Vadodara, Gujarat 390 003 (IN).

- (74) MAJUMDAR, S. et al. / etc.; S. Majumdar
& Co., 5, Harish Mukherjee Road, Kolkata
700025 (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).

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- (51)⁷ C07C 1/20, 2/76
(11) WO 2004/087624 (13) A1
(21) PCT/IN2003/000120
(22) 31 Mar/mar 2003 (31.03.2003)
(25) en (26) en
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • PROCESS FOR THE SIMULTANEOUS
CONVERSION OF METHANE AND
ORGANIC OXYGENATE TO C₂ TO C₁₀
HYDROCARBONS
• PROCESSUS DE CONVERSION SI-
MILTANEE DE METHANE ET DE
COMPOSE OXYGENE ORGANIQUE
EN HYDROCARBURES C<SB>2</SB>
A C<SB>10</SB>
(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).
(72) CHOUDHARY, Vasant, Ramchandra;
National Chemical Laboratory, Pune 411
008, Maharashtra (IN). MONDAL, Kartick,
Chandra; National Chemical Laboratory,
Pune 411 008, Maharashtra (IN). MULLA,
Shafeek, Abdul, Rashid; National Chemical
Laboratory, Pune 411 008, Maharashtra (IN).
(74) SUBRAMANIAM, Hariharan et al. / etc.;
Subramaniam, Nataraj & Associates, E-556,
Greater Kailash II, New Delhi-110 048 (IN).
(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 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).
-
- (51)⁷ C07C 1/24, 2/88, 11/18
(11) WO 2004/087625 (13) A1
(21) PCT/JP2004/004038

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-095152 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PRODUCING ISO-
PRENE• PROCEDE DE PRODUCTION
D'ISOPRENE(71) KURARAY CO., LTD. [JP/JP]; 1621,
Sakazu, Kurashiki-shi, Okayama 7108622
(JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) YAMADA, Osamu [JP/JP]; c/o KU-
RARAY CO., LTD., 1-6, Nihonbashi
3-chome, Chuo-ku, Tokyo 1038254
(JP). KUSANO, Manabu [JP/JP]; c/o
KURARAY CO., LTD., 36, Towada,
Kamishumachi, Kashima-gun, Ibaraki
3140197 (JP). TAKAYANAGI, Nobuo
[JP/JP]; c/o KURARAY CO., LTD., 36,
Towada, Kamishumachi, Kashima-gun,
Ibaraki 3140197 (JP). ARIMOTO, Hideki
[JP/JP]; c/o KURARAY CO., LTD., 36,
Towada, Kamishumachi, Kashima-gun,
Ibaraki 3140197 (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).(51)⁷ C07C 5/333, C10G 11/00, 11/22, C07C
11/02, 11/04, 11/06

(11) WO 2004/087626 (13) A1

(21) PCT/GB2004/001278

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0307759.1 3 Apr/avr 2003 GB
(03.04.2003)(30) 0329346.1 18 Dec/déc 2003 GB
(18.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOTHERMAL CRACKING
PROCESS• PROCEDE DE CRAQUAGE AUTO-
THERMIQUE(71) BP CHEMICALS LIMITED [GB/GB];
Chertsey Road, Sunbury-on-Thames, Mid-
dlesex TW16 7BP (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LITTLE, Ian, Raymond [GB/GB]; 188
Manor Road North, Thames Ditton, SurreyKT7 0BQ (GB). MAUNDERS, Barry, Mar-
tin [GB/GB]; "Woodlands", 5 Paddock Way,
Woodham, Woking, Surrey GU21 5TB (GB).
MESSENGER, Brian, Edward [GB/GB];
76 Wild Herons, Hook, Hampshire RG27 9SF
(GB).(74) HYMERS, Ronald, Robson; BP Inter-
national Limited, Patents & Agreements,
Chertsey Road, Sunbury-on-Thames, Mid-
dlesex TW16 7LN (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 UZ VC VN YU ZA ZM ZW AP
(BW GH GM KE LS MW MZ SD SL SZ TZ UG
ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM)
EP (AT BE BG CH CY CZ DE DK EE ES FI FR
GB GR HU IE IT LU MC NL 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)⁶ C07C 27/02, C08J 11/24, C07C 31/20,
31/27, 39/16, 69/82, 67/03

(11) WO 2004/087627 (13) A1

(21) PCT/JP1998/005102

(22) 13 Nov/nov 1998 (13.11.1998)

(25) ja (26) ja

(30) 9/313082 14 Nov/nov 1997 JP
(14.11.1997)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR THE DEPOLYMERIZA-
TION OF POLYESTER AND DEPOLY-
MERIZER FOR POLYESTER• PROCEDE DE DEPOLYMERISATION
DE POLYESTER ET DISPOSITIF DE
DEPOLYMERISATION DE POLYES-
TER(71, 72) ISHIHARA, Nobuo [JP/JP]; c/o
Takasago Research & Development Cen-
ter, Mitsubishi Heavy Industries, LTD., 1-1,
Shinham 2-chome, Arai-cho, Takasago-shi,
Hyogo-ken 676-8686 (JP). KAWAMURA,
Wataru [JP/JP]; c/o Takasago Research &
Development Center, Mitsubishi Heavy In-
dustries, LTD., 1-1, Shinham 2-chome,
Arai-cho, Takasago-shi, Hyogo-ken
676-8686 (JP). KISHI, Masahiro [JP/JP];
c/o Mechanical Chemical Research Institute,
12-15, Ogimachi, Arai-cho, Takasago-shi,
Hyogo-ken 676-0016 (JP). OKAZAKI,
Kikuo [JP/JP]; c/o Koryo Engineering CO.,Ltd., 8-19, Shinham 2-chome, Arai-cho,
Takasago-shi, Hyogo-ken 676-0008 (JP).(74) OKUYAMA, Hisao et al. / etc.; Akasaka
NOA Building, 8th floor, 2-12, Akasaka
3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) US.

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(10.04.2001), 6214893(51)⁷ C07C 33/042, 29/42, 215/36, C07D 239/80

(11) WO 2004/087628 (13) A1

(21) PCT/CN2003/000462

(22) 16 Jun/juin 2003 (16.06.2003)

(25) zh (26) zh

(30) 03116192.8 4 Apr/avr 2003 CN
(04.04.2003)(30) 03117026.9 16 May/mai 2003 CN
(16.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN AMINO ALCOHOL LIGAND AND
ITS USE IN PREPARATION OF CHIRAL
PROPARGYLIC TERTIARY ALKOHOLS
AND TERTIARY AMINES VIA ENAN-
TIOSELECTIVE ADDITION REACTION• LIGAND AMINO-ALCOOL ET SON
UTILISATION DANS LA PREPA-
RATION D'ALCOOLS TERTIAIRES
PROPARGYLIQUES ET D'AMINES
TERTIAIRES PAR LE BIAIS D'UNE
REACTION D'ADDITION ENANTIO-
SELECTIVE(71) SHANGHAI INSTITUTE OF ORGANIC
CHEMISTRY, CHINESE ACADEMY OF
SCIENCES [CN/CN]; No. 354, Feng Lin
Road, Shanghai 200032 (CN).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JIANG, Biao [CN/CN]; 354 Fen Lin
Road, Shanghai 200032 (CN). SI, Yugui
[CN/CN]; No 354, Feng Lin Road, Shanghai
200032 (CN).(74) SHANGHAI ZHI XIN PATENT AGENT
LTD; 10F, Italy Building, 446 Zhao Jia Bang
Road, Shanghai 200031 (CN).(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 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 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 (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE

ES FI FR GB GR HU IE IT LU MC NL 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 designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR 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 KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MY 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 (GH GM KE LS MW MZ SD
SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR HU IE IT LU MC NL 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)⁷ C07C 35/36, 33/24, C12P 7/06

(11) WO 2004/087629 (13) A1

(21) PCT/IN2003/000106

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ECO-FRIENDLY PROCESS FOR THE
PREPARATION OF CHIRAL ALCO-
HOLS BY ASYMMETRIC REDUCTION
OF PROCHIRAL KETONES

• PROCEDE RESPECTUEUX DE
L'ENVIRONNEMENT POUR PRE-
PARER DES ALCOOLS CHIRAUX PAR
REDUCTION ASYMETRIQUE DE CE-
TONES PROCHIRALES

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).

(72) MALLADI, Pardhasaradhi; Indian Insti-
tute of Chemical Technology, Hyderabad
500 007, Andhra Pradesh (IN). GULLA-
PALLI, Kumaraswamy; Indian Institute of
Chemical Technology, Hyderabad 500 007,
Andhra Pradesh (IN). SUNKANAPALLY,
Ramesh; Indian Institute of Chemical Tech-
nology, Hyderabad 500 007, Andhra Pradesh
(IN). NAIR, Chembumkulam, Kamalak-
shamma, Snehalatha; Indian Institute of
Chemical Technology, Hyderabad 500 007,
Andhra Pradesh (IN). DAS, Arun, Kanti;
Indian Institute of Chemical Technology,
Hyderabad 500 007, Andhra Pradesh (IN).

(74) SUBRAMANIAM, Hariharan et al. / etc.;
Subramaniam, Nataraj & Associates, E-556,
Greater Kailash II, New Delhi 110 048 (IN).

(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 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).

(51)⁷ C07C 45/51, 49/713

(11) WO 2004/087630 (13) A1

(21) PCT/JP2003/003994

(22) 28 Mar/mar 2003 (28.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PRODUCING CYCLO-
HEXENONE LONG-CHAIN ALCO-
HOLS

• PROCEDE PERMETTANT DE PRO-
DUIRE DES ALCOOLS DE CYCLO-
HEXENONE A LONGUE CHAINE

(71) MEIJI DAIRIES CORPORATION
[JP/JP]; 2-10, SHIN-SUNA 1-CHOME,
KOTO-KU, Tokyo 136-8908 (JP).

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

(72, 75) LUU, Bang [FR/FR]; C/O CNRS,
Universite Louis Pasteur, Centre de Neu-
rochimie, 5, rue Blaise Pascal, F-67070 Stras-
bourg (FR). NEUBERG, Patrick [FR/FR];
C/O CNRS, Universite Louis Pasteur, Cen-
tre de Neurochimie, 5, rue Blaise Pascal,
F-67070 Strasbourg (FR). TRANCARD,
Delphine [FR/FR]; C/O CNRS, Universite
Louis Pasteur, Centre de Neurochimie, 5, rue
Blaise Pascal, F-67070 Strasbourg (FR). YA-
MADA, Masashi [JP/JP]; C/O Meiji Dairies
Corporation, Pharmaceuticals Department,
2-10, Shin-Suna 1-Chome, Koto-Ku, Tokyo
136-8908 (JP). OSHIBA, Yukio [JP/JP];
C/O Meiji Dairies Corporation, Pharmaceu-
ticals Department, 540, Naruda, Odawara-Shi,
Kanagawa 250-0862 (JP). SUZUKI, Hiroto
[JP/JP]; C/O Meiji Dairies Corporation, Phar-
maceuticals Department, 2-10, Shin-Suna
1-Chome, Koto-Ku, Tokyo 136-8908 (JP).

(74) THE PATENT CORPORATE BODY
ARUGA PATENT OFFICE; Kyodo
Bldg., 3-6, Nihonbashiningyocho 1-Chome,
Chuo-ku, Tokyo 103-0013 (JP).

(81) CA 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)⁷ C07C 51/00

(11) WO 2004/087631 (13) A2

(21) PCT/IL2004/000203

(22) 3 Mar/mar 2004 (03.03.2004)

(25) en (26) en

(30) 155161 31 Mar/mar 2003 IL
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PROCESS FOR THE RECOVERY OF
CITRIC ACID

• PROCEDE DE RECUPERATION
D'ACIDE CITRIQUE

(71) A.E. STALEY MANUFACTURING
COMPANY [US/US]; 2200 East Eldo-
rado Street, Decatur, IL 62521 (US).

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

(72, 75) BANIEL, Avraham [IL/IL]; 8 Emile
Zola Street, Jerusalem 93102 (IL). VIT-
NER, Asher [IL/IL]; Rehov Kadish Luz 2,

IL-96920 Jerusalem (IL). GONEN, David
[IL/IL]; Levy Eshkol 78, Apt. 20, IL-69361
Tel-Aviv (IL). HEIDEL, David [US/US];
1221 Scotch Pine Ct., Decatur, IL 62526
(US).

(74) WOLFF, BREGMAN AND GOLLER;
P.O. Box 1352, 91013 Jerusalem (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)⁷ C07C 51/36, 53/128

(11) WO 2004/087632 (13) A1

(21) PCT/JP2004/004373

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-089605 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING OPTI-
CALLY ACTIVE CARBOXYLIC ACID

• METHODE SERVANT A PREPARER
UN ACIDE CARBOXYLIQUE POSSE-
DANT UNE ACTIVITE OPTIQUE

(71) TAKASAGO INTERNATIONAL COR-
PORATION [JP/JP]; 37-1, Kamata 5-chome,
Ohta-ku, Tokyo 1448721 (JP).

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

(72, 75) AMANO, Akira [JP/JP]; c/o Central
Research Laboratory of TAKASAGO IN-
TERNATIONAL CORPORATION, 4-11,
Nishiyawata 1-chome, Hiratsuka-shi, Kana-
gawa 2540073 (JP). IGARASHI, Daisuke
[JP/JP]; c/o Central Research Laboratory
of TAKASAGO INTERNATIONAL COR-
PORATION, 4-11, Nishiyawata 1-chome,
Hiratsuka-shi, Kanagawa 2540073 (JP).
SAYO, Noboru, [JP/JP]; c/o Central Re-
search Laboratory of TAKASAGO IN-
TERNATIONAL CORPORATION, 4-11,
Nishiyawata 1-chome, Hiratsuka-shi, Kana-
gawa 2540073 (JP).

(74) SAEKI, Norio; 9th Floor, Taka-ai Building,
15-2, 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)⁷ C07C 67/31, 69/757, B01J 31/26
(11) WO 2004/087633 (13) A1
(21) PCT/JP2004/004064
(22) 24 Mar/mar 2004 (24.03.2004)
(25) ja (26) ja
(30) 2003-093751 31 Mar/mar 2003 JP (31.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • PROCESS FOR PRODUCING ALDEHYDE COMPOUND
• PROCEDE DE PRODUCTION D'UN COMPOSE ALDEHYDE
(71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TAKANO, Naoyuki [JP/JP]; 2-1-335, Kuwata-cho, Ibaraki-shi, Osaka 5670841 (JP). HAGIYA, Koji [JP/JP]; 5-4-405, Gakuen-cho, Ibaraki-shi, Osaka 5670833 (JP).
- (74) ENOMOTO, Masayuki et al. / etc.; c/o Sumitomo Chemical Intellectual Property Service, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ C07C 69/00, C08F 20/00, C08G 65/32, 65/28
(11) WO 2004/087635 (13) A2
(21) PCT/EP2004/003348
(22) 30 Mar/mar 2004 (30.03.2004)
(25) de (26) de
(30) 103 15 345.4 3 Apr/avr 2003 DE (03.04.2003)
(30) 103 15 336.5 3 Apr/avr 2003 DE (03.04.2003)
(30) 103 15 669.0 4 Apr/avr 2003 DE (04.04.2003)
(30) 103 19 462.2 29 Apr/avr 2003 DE (29.04.2003)
(30) PCT/EP03/05953 6 Jun/juin 2003 EP (06.06.2003)
(30) PCT/EP03/06028 10 Jun/juin 2003 EP (10.06.2003)
(30) PCT/EP03/06054 10 Jun/juin 2003 EP (10.06.2003)
(30) 103 58 372.6 11 Dec/déc 2003 DE (11.12.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • MIXTURES OF COMPOUNDS COMPRISING AT LEAST TWO DOUBLE BONDS AND USE THEREOF
• MELANGES DE COMPOSES AYANT AU MOINS DEUX LIAISONS DOUBLES ET LEUR UTILISATION
(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RIEGEL, Ulrich [DE/DE]; Kardinal-von-Bettinger-Str. 6, 66849 Landstuhl (DE). DANIEL, Thomas [DE/DE]; Joseph-Haydn-Str.7, 67165 Waldsee (DE). HERMELING, Dieter [DE/DE]; Am Wasserturm 19, 67459 Böhl-Iggelheim (DE). ELLIOTT, Mark [GB/DE]; Nietzschestr. 76, 67063 Ludwigshafen (DE). SCHWALM, Reinhold [DE/DE]; Am Hüttenwingert 6, 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).
-
- (51)⁷ C07C 69/593, 67/08, C08F 22/16
(11) WO 2004/087636 (13) A1
(21) PCT/JP2004/004081
(22) 24 Mar/mar 2004 (24.03.2004)
(25) ja (26) ja
(30) 2003-092766 28 Mar/mar 2003 JP (28.03.2003)
(30) 2004-051607 26 Feb/fév 2004 JP (26.02.2004)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • DICARBOXYLIC ACID MONOESTER COMPOUND, METHOD FOR PRODUCING SAME AND POLYMER THEREOF
• COMPOSE DE MONOESTER D'ACIDE DICARBOXYLIQUE ET SON PROCEDE DE PRODUCTION, ET POLYMER OBTENU A PARTIR DUDIT COMPOSE.
(71) TOKYO OHKA KOGYO CO., LTD. [JP/JP]; 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 2110012 (JP). NIPPON SHOKUBAI CO., LTD. [JP/JP]; 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 5410043 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IWASHITA, Jyun [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 2110012 (JP). TACHIKAWA, Toshikazu [JP/JP]; c/o Tokyo Ohka Kogyo Co., Ltd., 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 2110012 (JP). YOSHIDA, Masatoshi [JP/JP]; 2-11-17, Gakuenkita, Nara-shi, Nara 6310036 (JP). ARAKAWA, Motohiro [JP/JP]; 5-4-43, Mino-o, Mino-o-shi, Osaka 5620001 (JP). UGAMURA, Tadayoshi [JP/JP]; 4-52, Nakanoshima-cho, Suita-shi, Osaka 5640035 (JP).
- (74) SAKAI, Hiroaki; Sakai International Patent Office, Tokyo Club Building, 2-6, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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)⁷ C07C 67/313, 69/757, C07D 317/54 // C07C 45/29, C07B 41/06
(11) WO 2004/087634 (13) A1
(21) PCT/JP2004/004069
(22) 24 Mar/mar 2004 (24.03.2004)
(25) ja (26) ja
(30) 2003-093752 31 Mar/mar 2003 JP (31.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • PROCESS FOR PRODUCTION OF CARBONYL COMPOUNDS
• PROCÉDÉ DE PRODUCTION DE COMPOSÉS CARBONYLE
(71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 5418550 (JP).
(for all designated States except / pour tous les États désignés sauf US)

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

(51)⁷ C07C 231/08, 233/07, 233/09, 233/10, 233/11, 233/88, 233/64

(11) WO 2004/087637 (13) A1

(21) PCT/JP2004/004561

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 2003-094369 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRODUCTION OF N-ALKYLAMIDE COMPOUNDS
• PRODUCTION DE COMPOSES DE N-ALKYLAMIDE

(71) TAKASAGO INTERNATIONAL CORPORATION [JP/JP]; 37-1, Kamata 5-chome, Ohta-ku, Tokyo 144-8721 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUMOTO, Takaji [JP/JP]; c/o Takasago International Corporation, Central Research Laboratory, 4-11, Nishiyawata 1-chome, Hiratsuka-Shi, Kanagawa 254-0073 (JP). SOTOGUCHI, Tsukasa [JP/JP]; c/o Takasago International Corporation, 37-1, Kamata 5-chome, Ohta-ku, Tokyo 144-8721 (JP).

(74) IWATANI, Ryo; Sakurabashi Chiyoda Build., 5F, 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0003 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ C07C 231/12, C07D 207/08, C07C 233/51

(11) WO 2004/087638 (13) A1

(21) PCT/EP2004/003687

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03.04218 4 Apr/avr 2003 FR (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PRODUCING AMINO ACID DERIVATIVES
• PROCEDE DE PRODUCTION DE DERIVES D'ACIDES AMINES

(71) SOLVAY [BE/BE]; Rue du Prince Albert, 33, B-1050 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CALLENS, Roland [BE/BE]; Kerkplein, 2 bte 2, B-1850 Grimbergen (BE). LARCHEVEQUE, Marc [FR/FR]; Boulevard Arago, 93, F-75014 Paris (FR). POUSSET, Cyrille [FR/BE]; Rue de Sévigné, 29, B-1070 Brussels (BE).

(74) JACQUES, Philippe et al. / etc.; Solvay, Intellectual Property Department, Rue de Ransbeek, 310, B-1120 Brussels (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 VC VN YU ZA ZM ZW.

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

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(25) de (26) de

(30) 103 15 214.8 3 Apr/avr 2003 DE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE PURIFICATION OF DIMETHYLACETAMIDE (DMAC)
• PROCEDE POUR PURIFIER DU DIME-THYLACETAMIDE

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(74) HÖRSCHLER, Wolfram, J.; 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).

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(25) en (26) en

(30) 03007749.9 4 Apr/avr 2003 EP (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR THE MANUFACTURE OF N-ALKOXALYL-ALANINATES
• PROCEDE DE FABRICATION DE N-ALKOXALYL-ALANINATES

(71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
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- (74) **SCHWANDER, Kuno, Josef, Roche Vitamins Ltd.**, Wurmisweg 576, CH-4303 Kaiser-augst (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)⁷ C07C 253/34, 255/08
- (11) WO 2004/087642 (13) A1
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- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR RECOVERY OF PURE ACRYLONITRILE
• PROCEDE POUR RECUPERER DE L'ACRYLONITRILE PUR
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) **BARVE, Prashant, Purushottam**; National Chemical Laboratory, Pune 411 008, Maharashtra (IN). **GHIKE, Shrikant, Madhukar**; National Chemical Laboratory, Pune 411 008, Maharashtra (IN). **SHINDE, Ravindra, William**; National Chemical Laboratory, Pune 411 008, Maharashtra (IN). **GUPTE, Milind, Yashwant**; National Chemical Laboratory, Pune 411 008, Maharashtra (IN). **JOSHI, Chandrashekar, Narayan**; National Chemical Laboratory, Pune 411 008, Maharashtra (IN).
- (74) **SUBRAMANIAM, Hariharan et al.** / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Dehli 110 048 (IN).
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- (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)⁷ C07C 275/28
- (11) WO 2004/087643 (13) A1
- (21) PCT/KR2004/000502
- (22) 11 Mar/mar 2004 (11.03.2004)
- (25) en (26) en
- (30) 10-2003-0020486 1 Apr/avr 2003 KR (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DEFORMYLASE INHIBITOR, PROCESS FOR PREPARING THE SAME, AND ANTIBACTERIAL COMPOSITION COMPRISING THE SAME
• INHIBITEUR DE DEFORMYLASE, PROCEDE D'ELABORATION, ET COMPOSITION ANTIBACTERIENNE RENFERMANT CET INHIBITEUR
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- (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).
- (51)⁷ C07C 317/22, 317/24, 323/19, 323/22, 323/25, C07D 295/088, A61K 31/10, 31/12, 31/145, 31/222, 31/40, 31/4453, A61P 5/30
- (11) WO 2004/087644 (13) A1
- (21) PCT/IB2003/006247
- (22) 23 Dec/déc 2003 (23.12.2003)
- (25) en (26) en
- (30) 60/458,401 31 Mar/mar 2003 US (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MERCAPTO-PHENYL-NAPHTHYL-METHANE DERIVATIVES AND PREPARATION THEREOF
• DERIVES DE MERCAPTO-PHENYLE-NAPHTHYLE-METHANE ET LEUR PREPARATION
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN). *(for all designated States except / pour tous les États désignés sauf US)*
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- Reinhard** [DE/DE]; Belchenring 3, 79219 Staufen (DE). **JEPHCOTE, Vincent, John** [GB/CN]; 33 Shanghai Garden, 7888 Hu Min Road, Shangai 201102 (CN). **BON-RATH, Werner** [DE/DE]; Luckenbachweg 29, 79115 Freiburg (DE).
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- (22) 11 Mar/mar 2004 (11.03.2004)
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(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
HM HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA 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 BG KZ
MD RU TJ MT); EP (AT BE BH CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC 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 EG ES FI GB GD GE GH GM HR HU ID 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 AP (BW GH GM KE LS MW MZ SD SL SZ Tz UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID 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 AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID 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 AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 BY BZ CA CH CN CO CR CU CZ DE DK DM

DZ EC EE EG ES FI GB GD GE GH GM HR HU
ID 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 AP (BW GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC 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 BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU
ID 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 AP (BW GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC 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 BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE EG ES FI GB GD GE GH GM HR HU
ID 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 AP (BW GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ C07C 403/24, C09B 61/00, 67/46, A23L
1/275

(11) WO 2004/087645 (13) A1

(21) PCT/JP2004/003880

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-089532 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PRODUCING CAROTENOID EMULSION
• PROCEDE DE PRODUCTION D'UNE EMULSION CAROTENOIDE

(71) KURARAY CO., LTD. [JP/JP]: 1621,
Sakazu, Kurashiki-shi, Okayama 710-8622
(JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **MORI, Toshiki** [JP/JP]; c/o Kuraray Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2653 (JP). **OGATA, Toshio** [JP/JP]; c/o Kuraray Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2653 (JP). **SHIMAMURA, Shigetaka** [JP/JP]; c/o Kuraray Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2653 (JP). **TANAKA, Hiroshi** [JP/JP]; c/o Kuraray Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2653 (JP). **TANIGUCHI, Keita** [JP/JP]; c/o Kuraray Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2653 (JP). **KITAYAMA, Masahiko**

[JP/JP]; c/o Kuraray Co., Ltd., 2-28, Kurashiki-cho, Nakajo-machi, Kitakanbara-gun, Niigata 959-2653 (JP).

(74) **SAKAGUCHI, Shozo**; Sunny Corpus
307, 5-23-19, Nishifuna, Funabashi-shi,
Chiba 273-0031 (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
SJ TY TJ TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51)⁷ C07D

(11) WO 2004/087646 (13) A2

(21) PCT/EP2004/002350

(22) 8 Mar/mar 2004 (08.03.2004)

(25) de	(26) de	
(30) 103 15 377.2	3 Apr/avr 2003 (03.04.2003)	DE

(30) 103 29 295.0 **30 Jun/juin 2003** DE
 (30.06.2003)

(30) 60/483,897 2 Jul/juil 2003 US
(02.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CARBONYL COMPOUNDS
• COMPOSES CARBONYL

(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) **TSAKLAKIDIS, Christos** [GR/DE]; Im Langgewann 54, 69469 Weinheim (DE). **DORSCH, Dieter** [DE/DE]; Königsberger Strasse 17A, 64372 Ober-Ramstadt (DE). **MEDERSKI, Werner** [DE/DE]; Katzenelnbogenweg 1, 64673 Zwingenberg (DE). **CEZANNE, Bertram** [DE/DE]; Bahnstrasse 74, 64546 Mörfelden-Walldorf (DE). **GLEITZ, Johannes** [DE/DE]; Liebigstrasse 26, 64293 Darmstadt (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
SJ TY TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL 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) **ANGELAUD, Remy** [FR/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **ARMSTRONG, Joseph, D., III** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **ASKIN, David** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **BALSELLS, Jaume** [ES/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **HANSEN, Karl** [US/US]; 126 East Lincoln Avenue.

- Rahway, NJ 07065-0907 (US). LEE, Jaemoon [KR/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). MALIGRES, Peter, E. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). RIVERA, Nelo, R. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). XIAO, Yi [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). ZHONG, Yong-Li [CN/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).
-
- (51)⁷ C07D
- (11) WO 2004/087651 (13) A2
- (21) PCT/US2004/008828
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 60/458,094 27 Mar/mar 2003 US (27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • FORMULATIONS FOR TYROSINE KINASE INHIBITORS
• FORMULATIONS POUR INHIBITEURS DE LA TYROSINE KINASE
- (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) KARKI, Shyam, B. [NP/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). DESHPANDE, Sameer, R. [IN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). THOMPSON, Karen, C. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). PAYNE, Anne, H. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). GANDEK, Thomas, P. [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).
-
- (51)⁷ C07D
- (11) WO 2004/087653 (13) A2
- (21) PCT/US2004/009658
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 60/460,029 3 Apr/avr 2003 US (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- 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).
-
- (54) • 4-RING IMIDAZOLE DERIVATIVES AS MODULATORS OF METABOTROPIC GLUTAMATE RECEPTOR-5
• DERIVES D'IMIDAZOLE A 4 CYCLES UTILISES EN TANT QUE MODULATEURS DU RECEPTEUR 5 METABOTROPIQUE DU GLUTAMATE
- (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) COSFORD, Nicholas, D. P. [GB/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). HUANG, Dehua [CN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). SMITH, Nicholas, D. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). HU, Essa Hsinyi [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)⁷ C07D
- (11) WO 2004/087654 (13) A2
- (21) PCT/US2004/009839
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,067 31 Mar/mar 2003 US (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PHOSPHOLIPASE C INHIBITORS FOR USE IN TREATING INFLAMMATORY DISORDERS
• INHIBITEURS DE PHOSPHOLIPASE C A UTILISER POUR LE TRAITEMENT DE TROUBLES INFLAMMATOIRES
- (71) JANSSEN PHARMACEUTICA N.V. [BE/BE]; Turnhoutseweg 30, B2340, B-BELGIUM Beerse (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LAGU, Bharat [US/US]; 41 Fisher Drive, Hillsborough, NJ 08844 (US). RUPERT, Kenneth [US/US]; 426 Centre Street, South Orange, NJ 07079 (US). WACHTER, Michael [US/US]; 52 North Street, Bloomsbury, NJ 08804 (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)⁷ C07D 205/08, A61K 31/397, A61P 3/06
- (11) WO 2004/087655 (13) A1
- (21) PCT/EP2004/002690
- (22) 16 Mar/mar 2004 (16.03.2004)
- (25) de (26) de
- (30) 103 14 610.5 1 Apr/avr 2003 DE
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • NOVEL DIPHENYL AZETIDINONE
WITH IMPROVED PHYSIOLOGI-
CAL CHARACTERISTICS, CORRE-
SPONDING PRODUCTION METHOD,
MEDICAMENTS CONTAINING SAID
COMPOUND AND USE OF THE LAT-
TER
- NOUVEAU DIPHENYL AZETIDINONE
A PROPRIETES PHYSIOLOGIQUES
AMELIOREES, PROCEDES DE PRO-
DUCTION ASSOCIE, MEDICAMENTS
CONTENANT LES COMPOSES ET
LEURS UTILISATIONS
- (71) AVENTIS PHARMA DEUTSCHLAND
GMBH [DE/DE]; Brünigstrasse 50, 65929
Frankfurt (DE).
- (72) JAEHNE, Gerhard; Seebachstrasse 22,
65929 Frankfurt (DE). FRICK, Wen-
delin; Schornmühlstrasse 3, 65510 Hünstet-
ten-Beuerbach (DE). LINDENSCHMIDT,
Andreas; Brahmstrasse 4, 65812 Bad Soden
(DE). FLOHR, Stefanie; St. Galler Ring
142, CH-4054 Basel (CH). HEUER, Hu-
bert; Am Sportfeld 74, 55270 Schwabenheim
(DE). SCHAEFER, Hans-Ludwig; Stein-
gasse 7, 65239 Hochheim (DE). KRAMER,
Werner; Henry-Moisand-Strasse 19, 55130
Mainz-Laubenheim (DE). GALIA, Eric;
Wilhelm Busch Strasse 19, 60431 Frankfurt
(DE). GLOMBIK, Heiner; Am Lotzenwald
42, 65719 Hofheim (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)⁷ C07D 207/16, 211/34, A61K 31/401,
31/4025, 31/445, A61P 43/00, C07C 229/16,
229/76
- (11) WO 2004/087656 (13) A1
- (21) PCT/EP2004/003003
- (22) 20 Mar/mar 2004 (20.03.2004)
- (25) de (26) de
- (30) 103 16 824.9 3 Apr/avr 2003 DE
(03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CONJUGATES OF 2,4-ETHANO-
BRIDGED AND 2,4-PROPANO-
BRIDGED 3,6,9-TRIAZA-NONANOIC
ACID, ³N,⁹N-TETRAETHANOIC
ACID, AND CORRESPONDING
PHOSPHORIC ACID METHYLENE
DERIVATIVES AND THE SUBSTITU-
TION PRODUCTS THEREOF WITH
BIOMOLECULES, METHODS FOR
THE PRODUCTION THEREOF, AND
THE USE OF THE SAME FOR PRODU
- CONJUGUES DE DERIVES DE
3,6,9-ACIDE TRIAZA-NONANIQUE-
<SP>3</SP>N,<SP>6</SP>N,<SP>9,9</SP>N-
ACIDE TETRAACETIQUE A
PONTAGE 2,4-ETHANO ET
2,4-PROPANO ET DE DERIVES
CORRESPONDANTS D'ACIDE
PHOSPHORIQUE-METHYLENE,
ET LEURS DERIVES AVEC DES
BIOMOLECULES, PROCEDES DE
PRODUCTION DESDITS CONJUGUES
ET LEUR UTILISATION POUR LA
PREPARAT
- (71) SCHERING AKTIENGESellschaft
[DE/DE]; Müllerstrasse 178, 13353 Berlin
(DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72) LEHMANN, Lutz; Bornemannstrasse 6,
13357 Berlin (DE). FRIEBE, Matthias;
Räuschstrasse 8, 13509 Berlin (DE).
BRUMBY, Thomas; Lepsiusstrasse 60,
12163 Berlin (DE). SÜLZLE, Detlev;
Scheinerweg 4, 10589 Berlin (DE).
PLATZEK, Johannes; Grottkauer Strasse
55, 12621 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)⁷ C07D 207/16, A61K 31/401, A61P 3/04,
A23L 1/30, A23K 1/16
- (11) WO 2004/087657 (13) A1
- (21) PCT/JP2004/004310
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-089985 28 Mar/mar 2003 JP
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ANTI-OBESITY AGENT
- AGENT ANTI-OBESITE
- (71) KYOWA HAKKO KOGYO CO., LTD.
[JP/JP]; 6-1, Ohtemachi 1-chome, Chiyo-
oda-ku, Tokyo, 1008185 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) KAMIYA, ToshikazuSHIRAI, Akio
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C07D 209/34, A61K 31/405, C07D 209/54,
209/08, A61P 25/08
- (11) WO 2004/087658 (13) A1
- (21) PCT/EP2004/002691
- (22) 16 Mar/mar 2004 (16.03.2004)
- (25) en (26) en
- (30) 03007214.4 31 Mar/mar 2003 EP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • INDOLONE-ACETAMIDE DERIVA-
TIVES, PROCESSES FOR PREPARING
THEM AND THEIR USES
- DERIVES D'INDOLONE-ACETAMIDE,
LEURS PROCEDES DE PREPARATION
ET LEURS UTILISATIONS
- (71) UCB, S.A. [BE/BE]; Allée de la Recherche,
60, B-1070 Brussels (BE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) STARCK, Jean-Philippe [FR/FR]; 2,
rue des Tilleuls, F-67270 Gougenheim (FR).
KENDA, Benoît [BE/BE]; Trioux des Frères
5, B-5080 Emines (BE).
- (74) LECHIEN, Monique et al. / etc.; UCB,
S.A., Allée de la Recherche, 60, B-1070 Brus-
sels (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 VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 0300957-8 1 Apr/avr 2003 SE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CHEMICAL COMPOUNDS

• COMPOSES CHIMIQUES

(71) ASTRAZENeca AB [SE/SE]; S-151 85
Södertälje (SE).

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

(72, 75) CAFFREY, Moya [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). LUCKHURST, Christopher [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). MOCHÉL, Tobias [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). PERRY, Matthew [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). SPRINGTHORPE, Brian [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 PL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07D 211/32

(11) WO 2004/087660 (13) A1

(21) PCT/IN2003/000136

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A NOVEL PROCESS FOR AMORPHOUS FORM OF DONEPEZIL HYDROCHLORIDE

• NOUVEAU PROCÉDE DE PRÉPARATION D'UNE FORME AMORPHE DE CHLORHYDRATE DE DONEPEZIL

(71) HETERO DRUGS LIMITED [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN).

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

(72, 75) PARTHASARADHI, Reddy, Bandi [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). RATHNAKAR, Reddy, Kura [IN/IN]; Hetero Drugs Limited (R & D), Plot No B-80 & 81 A.P.I.E. Balanagar, Hyderabad-500 018, Andhrapradesh (IN). RAJI, Reddy, Rapolu [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). NARASA, Reddy, Bolla [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). MURALIHARA, Reddy, Dasari [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(74) RATHNAKAR, Reddy, Kura; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (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 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 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)⁷ C07D 211/34, C07C 227/32, C07F 15/00, C07D 207/16, 211/02, C07B 53/00

(11) WO 2004/087661 (13) A1

(21) PCT/EP2004/003614

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03.04220 4 Apr/avr 2003 FR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR THE ENANTIOSELECTIVE PRODUCTION OF AN AMINO ACID DERIVATIVE COMPRISING AT LEAST ONE NITROGENOUS HETEROCYCLE

• PROCÉDE DE PRODUCTION DE DÉRIVÉ D'ACIDE AMINE DE MANIÈRE ENANTIOSELECTIVE COMPRENANT AU MOINS UN HÉTÉROCYCLE AZOTE

(71) SOLVAY (SOCIÉTÉ ANONYME) [BE/BE]; Rue du Prince Albert 33, B-1050 BRUSSELS (BE).

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

(72, 75) CALLENS, Roland [BE/BE]; Kerkplein 2, bte 2, B-1850 GRIMBERGEN (BE). LARCHEVEQUE, Marc [FR/FR]; Boulevard Arago, 93, F-75014 PARIS (FR). POUSSET, Cyrille [FR/BE]; Rue de Sévigné 29, B-1070 BRUSSELS (BE). MARINETTI, Angella [FR/FR]; 14 Avenue de Robinson, F-92290 CHATENAY-MALABRY (FR).

(74) JACQUES, Philippe et al. / etc.; Solvay (Société Anonyme), Intellectual Property Department, Rue de Ransbeek 310, B-1120 BRUSSELS (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 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)⁷ C07D 211/70, 405/12, A61K 31/4409,
A61P 25/00

(11) WO 2004/087662 (13) A1

(21) PCT/DK2004/000243

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) PA200300518 4 Apr/avr 2003 DK
(04.04.2003)

(30) 60/460,266 4 Apr/avr 2003 US
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • 4-(2-PHENYLSULFANYL-PHENYL)-
1,2,3,6-TETRAHYDROPYRIDINE
DERIVATIVES AS SEROTONIN RE-
UPTAKE INHIBITORS

• DERIVES DE 4-(2-PHENYLSUL-
FANYL-PHENYL)-1,2,3,6-TETRA-
HYDROPYRIDINE EN TANT
QU'INHIBITEURS DE RECAPTAGE
DE LA SEROTONINE

(71) H. LUNDBECK A/S [DK/DK]; Otiliavej 9,
2500 Valby-Copenhagen (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PÜSCHL, Ask [DK/DK]; Holger
Danskes Vej 20, 4. Sal, Frederiksberg,
2000 (DK). BANG-ANDERSEN, Benny
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S, 2300 (DK). JØRGENSEN, Morten
[DK/DK]; Godtgemt 24, 1, -3, Bagsværd,
2880 (DK). JUHL, Karsten [DK/DK];
Badensgade 13, st. tv, København S, 2300
(DK). RUHLAND, Thomas [DE/DK];
Østergaards Allé 16, Valby, 2500 (DK). AN-
DERSEN, Kim [DK/US]; 744 Fernwood
Ct, Ridgewood, New Jersey 07450 (US).
KEHLER, Jan [DK/DK]; Nymøllevej 28,
Kgs. Lyngby, 2800 (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).

(51)⁷ C07D 211/70, 401/12, 417/12, A61K
31/4465, 31/4523, A61P 25/04

(11) WO 2004/087663 (13) A1

(21) PCT/SE2004/000504

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0300987-5 3 Apr/avr 2003 SE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIARYLMETHYLIDENE PIPERI-
DINE DERIVATIVES, PREPARATIONS
THEREOF AND USES THEREOF

• DERIVES DE DIARYLMETHYLIDENE
PIPERIDINE, LEURS PREPARATIONS
ET LEUR UTILISATION

(71) ASTRAZENECA AB [SE/SE]; SE-151 85
Södertälje (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BROWN, William [CA/CA]; As-
traZeneca R & D Montreal, 7171 Freder-
ick-Banting, St Laurent, Québec H4S 1Z9
(CA). GRIFFIN, Andrew, Mark [GB/CA];
AstraZeneca R & D Montreal, 7171 Fred-
erick-Banting, St Laurent, Québec H4S 1Z9
(CA).

(74) GLOBAL INTELLECTUAL PROP-
ERTY; AstraZeneca AB, 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).

(51)⁷ C07D 213/16, 213/127

(11) WO 2004/087664 (13) A1

(21) PCT/IN2003/000111

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PREPARING 2,6-DI-
VINYLPIRIDINE AND 2-METHYL-6-
VINYLPIRIDINE FROM 2,6-LUTI-
DINE OVER MODIFIED ZEOLITES

• PROCEDE POUR PREPARER DE LA
PYRIDINE 2,6-DIVINYLE ET DE LA
PYRIDINE 2-METHYL-6-VINYLE A
PARTIR DE LA 2,6-LUTIDINE AU
MOYEN DE ZEOLITES MODIFIEES

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).

(72) KULKARNI, Shivanand, Janardan; In-
dian Institute of Chemical Technology,

Hyderabad 500 007, Andhra Pradesh (IN).
GANGAPURAM, Madhavi; Indian Insti-
tute of Chemical Technology, Hyderabad
500 007, Andhra Pradesh (IN). KONDAPU-
RAM, Vijaya, Raghavan; Indian Institute of
Chemical Technology, Hyderabad 500 007,
Andhra Pradesh (IN).

(74) SUBRAMANIAM, Hariharan et al. / etc.;
Subramaniam, Nataraj & Associates, E-556,
Greater Kailash II, New Delhi 110 048 (IN).

(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 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).

(51)⁷ C07D 213/30, A61K 31/44, A61P 29/00

(11) WO 2004/087665 (13) A1

(21) PCT/SE2004/000487

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 0300907-3 31 Mar/mar 2003 SE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL 6-SUBSTITUTED
2-AMINOPYRIDINE DERIVATIVES
• NOUVEAUX DERIVES DE 2-AMINO-
PYRIDINE SUBSTITUEE EN 6

(71) ASTRAZENECA AB [SE/SE]; S-151 85
Södertälje (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHESHIRE, David [GB/GB]; As-
traZeneca R & D Charnwood, Bakewell
Road, Loughborough, Leicestershire
LE11 5RH (GB). CONNOLLY, Stephen
[GB/GB]; AstraZeneca R & D Charnwood,
Bakewell Road, Loughborough, Leicester-
shire LE11 5RH (GB). LUKER, Timothy
[GB/GB]; AstraZeneca R & D Charnwood,
Bakewell Road, Loughborough, Leicester-
shire LE11 5RH (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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 SJ 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)⁷ C07D 213/30, A61K 31/44, A61P 29/00

(11) WO 2004/087666 (13) A1

(21) PCT/SE2004/000488

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 0300906-5 31 Mar/mar 2003 SE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL N-SUBSTITUTED 2-AMINOPYRIDINE DERIVATIVES
• NOUVEAUX DERIVES DE 2-AMINO-PYRIDINE SUBSTITUEE EN N

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHESHIRE, David [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). CONNOLLY, Stephen [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). LUKER, Timothy [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB). STONEHOUSE, Jeffrey [GB/GB]; AstraZeneca R & D Charnwood, Bakewell Road, Loughborough, Leicestershire LE11 5RH (GB).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, 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 SJ TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 SJ 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)⁷ C07D 213/64, A01N 43/40

(11) WO 2004/087667 (13) A1

(21) PCT/IN2003/000114

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ESTER DERIVATIVES OF (PYRIDINY-LOXY-PHENYL)-METHANOL AND PROCESS OF PREPARATION THEREOF

• DERIVES ESTERS DE (PYRIDINY-LOXY-PHENYL)-METHANOL ET LEUR PROCEDE DE PREPARATION

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) RAO, Bommena, Vittal; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). ALLA, Manjula; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). CHILUKURI, Ramesh; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). BANDARI, Jyothsna; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN).

(74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi-110 048 (IN).

(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 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).

(51)⁷ C07D 215/26

(11) WO 2004/087668 (13) A1

(21) PCT/EP2004/003479

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,724 2 Apr/avr 2003 US (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PROCESS FOR THE PREPARATION OF 5-(HALOACETYL)-8-(SUBSTITUTED OXY)-(1H)-QUINOLIN-2-ONES

• PROCEDE DE PREPARATION DE 5-(HALOACETYL)-8-(SUBSTITUE OXY)-(1<I>H</I>)-QUINOLIN-2-ONES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

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(72, 75) LOHSE, Olivier [FR/FR]; 18, rue des Sapins, F-68170 Rixheim (FR). PENN, Gerhard [AT/CH]; Im Lohgraben 28, CH-4104 Oberwil (CH). SCHILLING, Hanspeter [CH/CH]; Falkenstrasse 12, CH-4103 Bottmingen (CH).

(74) GRUBB, Philip; Novartis 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 SJ TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ C07D 215/42, 215/38, 239/28, 239/72, A61K 31/47, 31/505, A61P 3/04, 25/00, 9/00, 43/00

(11) WO 2004/087669 (13) A1

(21) PCT/JP2004/004624

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/458,530 31 Mar/mar 2003 US (31.03.2003)

(30) 60/495,911 19 Aug/août 2003 US (19.08.2003)

(30) 60/510,186 9 Oct/oct 2003 US (09.10.2003)

(30) 60/530,360 16 Dec/déc 2003 US (16.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL QUINOLINE, TETRAHYDROQUINAZOLINE, AND PYRIMIDINE DERIVATIVES AND METHODS OF TREATMENT RELATED TO THE USE THEREOF

• NOUVEAUX DERIVES QUINO-LINE, TETRAHYDROQUINAZOLINE ET PYRIMIDINE, PROCEDES DE TRAITEMENT EN LIAISON AVEC L'UTILISATION DE CES DERNIERS

(71) TAISHO PHARMACEUTICAL CO. LTD. [JP/JP]; 24-1, Takata 3-chome, Toshima-ku, Tokyo, 1708633 (JP). ARENA PHARMACEUTICALS INC. [US/US]; 6166 Nancy Ridge Drive, San Diego, California, 92121 (US).

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(72, 75) SEKIGUCHI, Yoshinori, [JP/JP]; c/o Taisho pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo, 1708633 (JP).

KANUMA, Kosuke, [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo, 1708633 (JP). OMODERA, Katsunori, [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo, 1708633 (JP). BUSUJIMA, Tsuyoshi, [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo, 1708633 (JP). TRAN, Thuy-Anh, [US/US]; 4833 Fairport Way, San Diego, California, 92130 (US). HAN, Sangdon, [KR/US]; 9953 Fieldthorn Street, San Diego, California, 92127 (US). CASPER, Martin, [US/US]; 6341 Peach Way, San Diego, California, 92130 (US). KRAMER, Bryan, A., [US/US]; 8863 Duncan Road, San Diego, California, 92126 (US). SEMPLE, Graeme, [GB/US]; 15920 Camino Cordorniz, San Diego, California, 92127 (US). ZOU, Ning, [CN/US]; 9829 Fieldthorn St., San Diego, California, 92127 (US).

(74) ASAMURA, Kiyoshi et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, 1000004 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/IN2003/000121

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR SYNTHESIS OF BIS-(SUBSTITUTED 4 QUINOLYL) DISULPHIDES

• PROCEDE DE SYNTHESE DE BIS-(QUINOLYLE-4 SUBSTITUE) DISULFURES

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(72) MESHRAM, Harshadas, Mitaram; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). KOKKU, Premalatha; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). AYYAGIRI, Venkata, Madhavi; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). BEGARI, Eshwaraiah; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). YADAV, Jhillu, Singh; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN).

(74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi-110 048 (IN).

(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 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).

(51)⁷ C07D 217/26

(11) WO 2004/087671 (13) A1

(21) PCT/IB2004/000942

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/459,016 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PREPARATION OF QUINAPRIL HYDROCHLORIDE

• PREPARATION D'HYDROCHLORURE DE QUINAPRIL

(71) WARNER-LAMBERT COMPANY LLC [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).

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(72, 75) JENNINGS, Sandra, Marie [US/US]; Pfizer Global Research & Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 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).

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(51)⁷ C07D 225/02, 313/00, 405/06, 495/04, A61K 31/365, 31/435, A61P 35/00, C07C 13/02 // (C07D 495/04, 333:00, 235:00)

(11) WO 2004/087672 (13) A1

(21) PCT/US2004/009380

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,827 28 Mar/mar 2003 US (28.03.2003)

(30) 60/496,165 19 Aug/août 2003 US (19.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MIGRASTATIN ANALOG COMPOSITIONS AND USES THEREOF

• COMPOSITIONS DE SUBSTANCES ANALOGUES A LA MIGRASTATINE ET LEURS UTILISATIONS

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(74) LAGNEAU, Nadège, M.; 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).

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(51)⁷ C07D 225/02, 313/00, 405/06, 495/04, A61K 31/365, 31/435, C07C 13/02, A61P 35/00

(11) WO 2004/087673 (13) A2

(21) PCT/US2004/009571

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,827 28 Mar/mar 2003 US (28.03.2003)

(30) 60/496,165 19 Aug/août 2003 US (19.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MIGRASTATIN ANALOGS AND USES THEREOF

• ANALOGUES DE MIGRASTATINE ET LEURS UTILISATIONS

(71) SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH [US/US]; 1275 York Avenue, New York, NY 10021 (US).

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(72, 75) DANISHEFSKY, Samuel, J. [US/US]; 22 Brayton Street, Englewood, NJ 07631 (US). GAUL, Christoph [DE/CH]; Im finsteren Boden 17, 4125 Riehen (CH).

- NJARDARSON, Jón, T. [IS/US]; 312 E. 66th Street, Apt. 1C, New York, NY 10021 (US).
- (74) LAGNEAU, Nadège, M.; 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).
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- (51)⁷ C07D 231/12, 403/06
- (11) WO 2004/087674 (13) A1
- (21) PCT/JP2004/004345
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-092029 28 Mar/mar 2003 JP (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR PRODUCING ACRYLONITRILE COMPOUND
• PROCEDE DE PRODUCTION D'UN COMPOSE ACRYLONITRILE
- (71) NISSAN CHEMICAL INDUSTRIES LTD. [JP/JP]; 7-1, Kandamishiki-cho 3-chome, Chiyoda-ku, Tokyo, 1010054 (JP).
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- (72, 75) FUKUDA, Kenzo [JP/JP]; c/o Nissan Chemical Industries, Ltd., Onoda Plants 6903-1, Oaza-Onoda, Onoda-shi, Yamaguchi, 7560817 (JP). KONDO, Yasuo [JP/JP]; c/o Nissan Chemical Industries, Ltd., Onoda Plants 6903-1, Oaza-Onoda, Onoda-shi, Yamaguchi, 7560817 (JP). TANAKA, Norio [JP/JP]; c/o Nissan Chemical Industries, Ltd., Chemical Research Laboratories 722-1, Tsuboi-cho, Funabashi-shi, Chiba, 2748507 (JP). SUZUKI, Hideaki [JP/JP]; c/o Nissan Chemical Industries, Ltd., Chemical Research Laboratories 722-1, Tsuboi-cho, Funabashi-shi, Chiba, 2748507 (JP). OHNARI, Masatoshi [JP/JP]; c/o Nissan Chemical Industries, Ltd., Chemical Research Laboratories 722-1, Tsuboi-cho, Funabashi-shi, Chiba, 2748507 (JP). NISHIO, Koichi [JP/JP]; c/o Nissan Chemical Industries, Ltd., Chemical Research Laboratories 722-1, Tsuboi-cho, Funabashi-shi, Chiba, 2748507 (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 KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 231/38, G03G 9/08 // C07F 15/02
- (11) WO 2004/087675 (13) A1
- (21) PCT/JP2003/014822
- (22) 20 Nov/nov 2003 (20.11.2003)
- (25) ja (26) ja
- (30) 2003-96578 31 Mar/mar 2003 JP (31.03.2003)
- (30) 2003-201262 24 Jul/juil 2003 JP (24.07.2003)
- (30) 2003-207208 11 Aug/août 2003 JP (11.08.2003)
- (30) 2003-356674 16 Oct/oct 2003 JP (16.10.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MONOAZO IRON COMPLEX COMPOUND, CHARGE CONTROL AGENT CONTAINING THE SAME, AND TONER
• COMPOSE DE COMPLEXE DE FER MONOAZO, AGENT DE CONTROLE DE CHARGE CONTENANT CE COMPOSE ET TONER
- (71) HODOGAYA CHEMICAL CO., LTD. [JP/JP]; 66-2, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 212-8588 (JP).
- (72) OTSUKA, Hideyuki; c/o Tohoku Hodogaya Co., Ltd., 4-5, Yashima-machi, Koriyama-shi, Fukushima 963-8802 (JP). NEMOTO, Kazuo; c/o Tohoku Hodogaya Co., Ltd., 4-5, Yashima-machi, Koriyama-shi, Fukushima 963-8802 (JP). OTANI, Shinji; 196-1-204, Nameri, Nagazumi-cho, Sunto-gun, Shizuoka 411-0933 (JP). SUZUKI, Noriyuki; c/o Tohoku Hodogaya Co., Ltd., 4-5, Yashima-machi, Koriyama-shi, Fukushima 963-8802 (JP). YAMADA, Eisuke; c/o Tohoku Hodogaya Co., Ltd., 4-5, Yashima-machi, Koriyama-shi, Fukushima 963-8802 (JP). OKUBO, Masaki; c/o Tohoku Hodogaya Co., Ltd., 4-5, Yashima-machi, Koriyama-shi, Fukushima 963-8802 (JP).
- (74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (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 KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07D 239/00
- (11) WO 2004/087677 (13) A2
- (21) PCT/IB2004/001121
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/460,124 3 Apr/avr 2003 US (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SUBSTITUTED PYRIMIDINONES
• PYRIMIDINONES SUBSTITUEES
- (71) PHARMACIA CORPORATION [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017 (US).

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(72, 75) **DURLEY, Richard** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **DEVADAS, Balekudru** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **MADSEN, Heather** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **HICKORY, Brian** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **PALMQUIST, Katherine** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **SELNESS, Shaun** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

(74) **LUMB, J., Trevor et al.** / etc.; Pfizer Inc., P.O. Box 1027, St. Louis, MO 63006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ C07D 239/28, 239/34, 239/42, 239/46, 239/52, A01N 43/54

(11) WO 2004/087678 (13) A1

(21) PCT/EP2004/003335

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 15 735.2 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • 2-SUBSTITUTED PYRIMIDINES
• PYRIMIDINE SUBSTITUEE EN 2

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
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(72, 75) **TORMO I BLASCO, Jordi** [ES/DE]; Carl-Benz-Strasse 10-3, 69514 Ladenbach (DE). **BLETTNER, Carsten** [DE/DE]; Richard-Wagner-Strasse 48, 68165 Mannheim (DE). **MÜLLER, Bernd** [DE/DE]; Stockingerstrasse 7, 67227 Frankenthal (DE). **GEWEHR, Markus** [DE/DE]; Goethestrasse 21, 56288 Kastellaun (DE). **GRAMMENOS, Wassilios** [GR/DE]; Alexander-Fleming-Strasse 13, 67071 Ludwigshafen (DE). **GROTE, Thomas** [DE/DE]; Im Höhnhausen 18, 67157 Wachenheim (DE). **GYPSE, Andreas** [DE/DE]; B 4.4, 68159 Mannheim (DE). **RHEINHEIMER, Joachim** [DE/DE]; Merziger Strasse 24, 67063 Ludwigshafen (DE). **SCHÄFER, Peter** [DE/DE]; Römerstrasse 1, 67308 Ottersheim (DE). **SCHIEWECK, Frank** [DE/DE]; Lindenweg 4, 67258 Hessheim (DE). **SCHWÖGLER, Anja** [DE/DE]; Heinrich-Lanz-Strasse 3,

68165 Mannheim (DE). **WAGNER, Oliver** [DE/DE]; Im Meisental 50, 67433 Neustadt (DE). **SCHERER, Maria** [DE/DE]; Hermann-Jürgens-Strasse 30, 76829 Landau (DE). **STRATHMANN, Siegfried** [DE/DE]; Donnersbergstrasse 9, 67117 Limburgerhof (DE). **SCHÖFL, Ulrich** [DE/DE]; Luftschiffing 22c, 68782 Brühl (DE). **STIERL, Reinhard** [DE/DE]; Jahnstrasse 8, 67251 Freinsheim (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).

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(21) PCT/EP2004/003296

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 03405219.1 1 Apr/avr 2003 EP (01.04.2003)

(30) 03405642.4 3 Sep/sep 2003 EP (03.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • 2, 4, 6-TRISUBSTITUTED PYRIMIDINE DERIVATIVES USEFUL FOR THE TREATMENT OF NEOPLASTIC AND AUTOIMMUNE DISEASES
• DERIVES DE PYRIMIDINE TRISUBSTITUES EN POSITION 2, 4, 6 UTILES POUR LE TRAITEMENT DE MALADIES NEOPLASQUES ET AUTO-IMMUNES

(71) **APONETICS AG** [CH/CH]; Benkenstrasse 254, CH-4108 Witterswil (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OBRECHT, Daniel** [CH/CH]; Im Eichacker 21, CH-4112 Bättwil (CH). **ERMERT, Philipp** [DE/CH]; Steinbühlweg 31, CH-4123 Aillschwil (CH). **LUTHER, Anatol** [DE/DE]; Augstbergstrasse 10, D-79639 Grenzach-Wyhlen (DE). **EBERLE, Martin** [CH/CH]; Rütistrasse 34, CH-4103 Bottmingen (CH). **BACHMANN, Felix** [CH/CH]; Grellingerstrasse 38, CH-4052 Basel (CH).

(74) **BECKER, Konrad**; Aeschenvorstadt 24, Postfach 318, CH-4010 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 VN YU ZA ZM ZW.

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

(51)⁷ C07D 239/84, A61K 31/517, A61P 25/28, 25/20, 25/22, 25/24, 3/04, 9/12, 9/00, 25/16, 25/08, 3/00

(11) WO 2004/087680 (13) A1

(21) PCT/JP2004/004554

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/458,424 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL QUINAZOLINE DERIVATIVES AND METHODS OF TREATMENT RELATED TO THE USE THEREOF
• NOUVEAUX DERIVES DE QUINAZOLINE ET LEUR UTILISATION THERAPEUTIQUE

(71) **TAISHO PHARMACEUTICAL CO., LTD.** [JP/JP]; 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **ARENA PHARMACEUTICALS INC.** [US/US]; 6166 Nancy Ridge Drive, San Diego, CA 92121 (US).

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

(72, 75) **SEKIGUCHI, Yoshinori** [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **KANUMA, Kosuke** [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **OMODERA, Katsunori** [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **BUSUJIMA, Tsuyoshi** [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **TRAN, Thuy-Anh** [US/US]; 4833 Fairport Way, San Diego, CA 92130 (US). **HAN, Sangdon** [KR/US]; 9953 Fieldthorn Street, San Diego, CA 92127 (US). **CASPER, Martin** [US/US]; 6341 Peach Way, San Diego, CA 92130 (US). **KRAMER, Bryan, A.** [US/US]; 8863 Duncan Road, San Diego, CA 92126 (US).

(74) **ASAMURA, Kiyoshi et al.** / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ C07D 257/04, A61K 31/41

(11) WO 2004/087681 (13) A1

(21) PCT/IN2003/000096

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A NOVEL AMORPHOUS FORM OF VALSARTAN

• NOUVELLE FORME AMORPHE DU VALSARTAN

(71) HETERO DRUGS LIMITED [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN).

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

(72, 75) PARTHASARADHI, Reddy, Bandi [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). RATHNAKAR, Reddy, Kura [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). RAJI, Reddy, Rapolu [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). MURALIDHARA, Reddy, Dasari [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(74) RATHNAKAR, Reddy, Kura; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07D 261/08, A61K 31/42

(11) WO 2004/087682 (13) A1

(21) PCT/IN2003/000140

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL CRYSTALLINE FORMS OF PARECOXIB SODIUM

• NOUVELLES FORMES CRISTAL-LINES DE PARECOXIB SODIQUE

(71) HETERO DRUGS LIMITED [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN).

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

(72, 75) PARTHASARADHI, Reddy, Bandi [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). RATHNAKAR, Reddy, Kura [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). RAJI, Reddy, Rapolu [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). MURALIDHARA, Reddy, Dasari [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). SUBASH, CHANDER, Reddy, Kesireddy [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(74) RATHNAKAR, Reddy, Kura; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(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).

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)⁷ C07D 261/16, A61K 31/42

(11) WO 2004/087683 (13) A1

(21) PCT/IN2003/000139

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL CRYSTALLINE FORMS OF VALDECOXIB

• NOUVELLES FORMES CRISTAL-LINES DE VALDECOXIB

(71) HETERO DRUGS LIMITED [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN).

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

(72, 75) PARTHASARADHI, Reddy, Bandi [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). RATHNAKAR, Reddy, Kura [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). RAJI, Reddy, Rapolu [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). MURALIDHARA, Reddy, Dasari [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). SUBASH, CHANDER, Reddy, Kesireddy [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(74) RATHNAKAR, Reddy, Kura; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(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).

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)⁷ C07D 271/12, 285/14, A61K 51/04

(11) WO 2004/087684 (13) A1

(21) PCT/EP2004/003517

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307855.7 4 Apr/avr 2003 GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BENZO[1,2,5]OXADIAZOLES AND BENZO [1,2,5]THIADIAZOLES USEFUL AS HISTOPATHOLOGICAL STAINING AGENTS, IMAGING AGENTS AND BIOMARKERS

• BENZO[1,2,5]OXADIAZOLES ET BENZO [1,2,5]THIADIAZOLES UTILISES COMME AGENTS DE COLORATION HISTOPATHOLOGIQUE,

AGENTS D'IMAGERIE ET BIOMARQUEURS

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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

(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) **AUBERSON, Yves** [CH/CH]; Maientgasse 4, CH-4123 Allschwil (CH). **HINTERMANN, Samuel** [CH/CH]; Klingelbergstrasse 93, CH-4056 Basel (CH). **ZIMMERMANN, Kaspar** [CH/CH]; Am Chatzebach 4, CH-4104 Oberwil (CH).

(74) **GRUBB, Philip**; Novartis 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).

(51)⁷ C07D 295/00

(11) **WO 2004/087685** (13) A2

(21) PCT/US2004/009846

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 60/458,938 **31 Mar/mar 2003 US (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **PHOSPHOLIPASE C INHIBITORS FOR USE IN TREATING INFLAMMATORY DISORDERS**

• **INHIBITEURS DE PHOSPHOLIPASE C DESTINÉS À ÊTRE UTILISÉS DANS LE TRAITEMENT DE TROUBLES INFLAMMATOIRES**

(71) **JANSSEN PHARMACEUTICA N.V.** [BE/BE]; Turnhoutseweg 30, B2340, B-Bersee (BE).

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

(72, 75) **LAGU, Bharat** [US/US]; 41 Fisher Drive, Hillsborough, NJ 08844 (US). **WACHTER, Michael** [US/US]; 52 North Street, Bloomsbury, NJ 08804 (US). **RUPERT, Kenneth** [US/US]; 426 Centre Street, South Orange, NJ 07079 (US). **WACHTER, Michael** [US/US]; 52 North Street, Bloomsbury, NJ 08804 (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)⁷ C07D 311/58, 311/64, A61K 31/352, A61P 29/00

(11) **WO 2004/087686** (13) A2

(21) PCT/IB2004/001113

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/459,215 **31 Mar/mar 2003 US (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **BENZOPYRAN COMPOUNDS USEFUL FOR TREATING INFLAMMATORY CONDITIONS**

• **COMPOSES BENZOPYRANIQUE UTILISABLES DANS LE TRAITEMENT DES PATHOLOGIES INFLAMMATOIRES**

(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) **CARTER, Jeffery, Steven** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **ASTON, Karl, William** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **BROWN, David, Louis** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **DEPROW, Angela** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **FLETCHER, Theresa** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **HALLINAN, E., Ann** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **HAMPER, Bruce, Cameron** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **HUFF, Renee** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **KIEFER, James, Richard, Jr.** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **KOSZYK, Francis** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **KRAMER, Steven** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **LIAO, Subo** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **LIMBURG, David, Christopher** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **LUDWIG, Cindy** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **MCCALL, John, Michael** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **SPRINGER, John, Robert** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **TALLEY, John, J.** [US/US]; 700 Chesterfield Parkway West, Chesterfield,

MO 63017-1732 (US). **WANG, Lijuan, Jane** [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **XING, Li** [CN/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **YU, Yi** [CN/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

(74) **LUMB, J., Trevor et al.** / etc.; Pfizer Inc., P.O. Box 1027, St Louis, MO 63017-1732 (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)⁷ C07D 311/58, 311/94, 215/54, 409/06, 407/12, 405/06, 405/12, 405/04, 493/04, 417/06, A61K 31/335, 31/395, A61P 29/00 // (C07D 493/04, 317:00, 311:00) (C07D 493/04, 311:00, 307:00) (C07D 493/04, 319:00, 311:00)

(11) **WO 2004/087687** (13) A1

(21) PCT/IB2004/000939

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

(25) en (26) en

(30) 60/459,214 **31 Mar/mar 2003 US (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **CHROMENE DERIVATIVES AS ANTI-INFLAMMATORY AGENTS**

• **DERIVES DE CHROMÈNE À TITRE D'AGENTS ANTI-INFLAMMATOIRES**

(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) **ASTON, Karl, W.** [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **BROWN, David, L.** [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **CARTER, Jeffrey, S.** [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **DEPROW, Angela, M.** [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **FLETCHER, Theresa, R.** [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **HALLINAN, E., Ann** [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **HAMPER, Bruce, C.** [US/US]; Pfizer Global Research & Development, 700 Chesterfield

Parkway West, Chesterfield, MO 63017-1732 (US). HUFF, Renee, M. [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). KIEFER, James, R., Jr. [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). KOSZYK, Francis [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). KRAMER, Steven, W. [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). LIAO, Subo [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). LIMBURG, David [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). SPRINGER, John, R. [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). TSYMBALOV, Sofya [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). WANG, Lijuan, Jane [US/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). XING, Li [CN/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). YU, Yi [CN/US]; Pfizer Global Research & Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., P.O. Box 1027, St. Louis, MO 63006 (US).

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

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

(51)⁷ C07D 401/04, A61K 31/495

(11) WO 2004/087688 (13) A1

(21) PCT/IN2003/000135

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL CRYSTALLINE FORMS OF GATIFLOXACIN
• NOUVELLES FORMES CRISTALLINES DE GATIFLOXACINE

(71) HETERO DRUGS LIMITED [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARTHASARADHI, Reddy, Bandi [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). RATHANAKAR, Reddy, Kura [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad-500 018, Andhrapradesh (IN). RAJI, Reddy, Rapolu [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN). MURALIDHARA, Reddy, Dasari [IN/IN]; Hetero House, 8-3-166/7/1, Erragadda, Hyderabad 500 018, Andhrapradesh (IN). RAVIKANTH, Reddy, Meghi [IN/IN]; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad-500 018, Andhrapradesh (IN).

(74) RATHNAKAR, Reddy, Kura; Hetero Drugs Limited (R & D), Plot No. B-80 & 81, A.P.I.E., Balanagar, Hyderabad 500 018, Andhrapradesh (IN).

(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).

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)⁷ C07D 401/04

(11) WO 2004/087689 (13) A1

(21) PCT/US2004/009188

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,561 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PREPARATION AND USE OF 2-SUBSTITUTED-5-OXO-3-PYRAZO-LIDINECARBOXYLATES
• PREPARATION ET UTILISATION DE PYRAZOLIDINECARBOXYLATES-5-OXO-3-SUBSTITUES-2

(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) ANNIS, Gary, David [US/US]; 13 Franklin Road, Landenberg, PA 19350 (US).

(74) HEISER, David, E.; 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).

Published / Publiée : (c)

(51)⁷ C07D 403/10, 405/10, 409/10, 413/10, 417/10, A61K 31/4184, 31/42, 31/427, A61P 25/00

(11) WO 2004/087690 (13) A2

(21) PCT/EP2004/050417

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) PA 2003 00509 3 Apr/avr 2003 DK (03.04.2003)

(30) 60/459,980 4 Apr/avr 2003 US (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BENZIMIDAZOLE DERIVATIVES AND THEIR USE FOR MODULATING THE GABA-A RECEPTOR COMPLEX
• DERIVES DE BENZIMIDAZOLE ET LEUR UTILISATION POUR MODULER LE COMPLEXE DU RECEPTEUR GABA<SB>A</SB>

(71) NEUROSEARCH A/S [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TEUBER, Lene [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). LARSEN, Janus, S. [DK/DK]; NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(74) NEUROSEARCH A/S; Patent Department, 93 Pederstrupvej, DK-2750 Ballerup (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 :

(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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)⁷ C07D 403/10

(11) WO 2004/087691 (13) A1

(21) PCT/IN2003/000230

(22) 27 Jun/juin 2003 (27.06.2003)

(25) en (26) en

(30) 335/MUM/2003 3 Apr/avr 2003 IN
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PROCESS FOR THE SYNTHESIS OF
LOSARTAN POTASSIUM

• PROCEDE DE SYNTHESE DE LOSAR-
TAN POTASSIQUE

(71) IPCA LABORATORIES LIMITED
[IN/IN]; 48, Kandivli Industrial Estate,
Kandivli (West), Mumbai 400 067, Maha-
rashtra (IN).

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

(72, 75) KUMAR, Ashok [IN/IN]; A 4/203-4,
Sterling CHS, Sundervan Complex, Andheri
(West), Mumbai 400 053, Maharashtra (IN).
SINGH, Rajesh, Kumar [IN/IN]; 406 -
Ekta, New Link Road, Kanderpada, Dahisar
(West), Mumbai 400 068, Maharashtra (IN).
PANDA, Nalinakshya [IN/IN]; 4 A/202,
Gokul Angan, Krishna Township, Ambadi
Road, Vasai Road (West), Dist. Thane, Ma-
harashtra (IN). UPARE, Abhay, Atmaram
[IN/IN]; D-3/E-11, Sahyadri Nagar, Charkop,
Kandivli (West), Mumbai 400 067, Maha-
rashtra (IN). NIMBALKAR, Manmohan,
Madhavrao [IN/IN]; Sagar Co-op. Society,
Flat No. 13, 14th floor, Near Raheja Bldg.,
Mahim, Mumbai 400 016, Maharashtra (IN).
SODAGAR, Satish, Rajanikant [IN/IN];
21, Bhagyayog, Kastur Park, Borivali (West),
Mumbai 400 092, Maharashtra (IN).

(74) NAIR, Gopakumar, G.; Gopakumar Nair
Associates, Nair Baug, Akurli Road, Kandi-
vli (East), Mumbai 400 101 (IN).

(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).

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 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 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 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)⁷ C07D 405/12, A61K 31/495

(11) WO 2004/087692 (13) A1

(21) PCT/EP2004/002351

(22) 8 Mar/mar 2004 (08.03.2004)

(25) de (26) de

(30) 103 15 285.7 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CHROMENONE INDOLES
• CHROMENONINDOLE

(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) SCHIEMANN, Kai [DE/DE]; Am
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(DE). BÖTTCHER, Henning [DE/DE];
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HEINRICH, Timo [DE/DE]; Franz-Grub-
ber-Strasse 30, 64823 Gross-Umstadt
(DE). HÖLZEMANN, Günter [DE/DE];
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genheim (DE).

(74) MERCK PATENT GMBH; Frankfurter
Strasse 250, 64293 Darmstadt (DE).

(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)⁷ C07D 409/12, A61K 31/38, A61P 35/00,
C07D 333/38, A61K 31/44

(11) WO 2004/087693 (13) A1

(21) PCT/EP2004/003498

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03007829.9 4 Apr/avr 2003 EP
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OXIME DERIVATIVES AND THEIR
USE AS PHARMACEUTICALLY AC-
TIVE AGENTS

• DERIVES D'OXIME ET LEUR UTILI-
SATION EN TANT QU'AGENTS PHAR-
MACEUTIQUEMENT ACTIFS

(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 US)

(72, 75) FERTIG, Georg [DE/DE]; Wolfbauer-
weg 6, 82377 Penzberg (DE). HERTING,
Frank [DE/DE]; Frauenschuhstrasse 38,
82377 Penzberg (DE). KUBBIES, Man-
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Penzberg (DE). LIMBERG, Anja [DE/DE];
Wurmseestrasse 58, 81476 Muenchen (DE).
REIFF, Ulrike [DE/DE]; Weidenweg 6,
82377 Penzberg (DE). WEIDNER, Michael
[DE/DE]; Ludwig-Maerz-Strasse 39a, 82377
Penzberg (DE).

(74) SCHREINER, Siegfried; Roche Diagnos-
tics GmbH, Patent Department (TR-E), Post-
fach 11 52, 82372 Penzberg (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)⁷ C07D 413/04, A01N 43/84

(11) WO 2004/087694 (13) A1

(21) PCT/CN2003/000501

(22) 27 Jun/juin 2003 (27.06.2003)

(25) zh (26) zh

(30) 03118226.7 31 Mar/mar 2003 CN
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A HETEROCYCLE-SUBSTITUTED BENZOXAZINE COMPOUNDS HAVING BIOACTIVITY

• COMPOSES DE BENZOXAZINE A SUBSTITUTION D'HETEROCYCLE PRESENTANT UNE BIOACTIVITE

(71) HUNAN RESEARCH INSTITUTE OF CHEMICAL INDUSTRY [CN/CN]; No.399, Middle Furong Road, Changsha, Hunan 410007 (CN).

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

(72, 75) HOU, Zhongke [CN/CN]; No.399, Middle Furong Road, Changsha, Hunan 410007 (CN). REN, Yeguo [CN/CN]; No.399, Middle Furong Road, Changsha, Hunan 410007 (CN). HUANG, Mingzhi [CN/CN]; No.399, Middle Furong Road, Changsha, Hunan 410007 (CN). LEI, Manxiang [CN/CN]; No.399, Middle Furong Road, Changsha, Hunan 410007 (CN). OU, Xiaoming [CN/CN]; No.399, Middle Furong Road, Changsha, Hunan 410007 (CN). ZANG, Kaibao [CN/CN]; No.399, Middle Furong Road, Changsha, Hunan 410007 (CN). WANG, Xiaoguang [CN/CN]; No.399, Middle Furong Road, Changsha, Hunan 410007 (CN). LIU, Aiping [CN/CN]; No.399, Middle Furong Road, Changsha, Hunan 410007 (CN).

(74) HUNAN ZHAOHONG PATENT LAW OFFICE; Zhao Hong, 2701, Shuntian Building, No.185, Middle Furong Road, Changsha, Hunan 410011 (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 ES FI GB GD GE 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 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).

(51)⁷ C07D 413/12, 207/16, C07C 275/26

(11) WO 2004/087695 (13) A1

(21) PCT/EP2004/002405

(22) 9 Mar/mar 2004 (09.03.2004)

(25) de (26) de

(30) 103 15 377.2 3 Apr/avr 2003 DE (03.04.2003)

(30) 103 27 428.6 18 Jun/juin 2003 DE (18.06.2003)

(30) 103 29 295.0 30 Jun/juin 2003 DE (30.06.2003)

(30) 103 29 457.0 1 Jul/juil 2003 DE (01.07.2003)

(30) 103 34 174.9 26 Jul/juil 2003 DE (26.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE PRODUCTION OF PYRROLIDINE-1,2-DICARBOXYLIC ACID-1-(PHENYL(-

AMIDE))-2-(PHENYL(-AMIDE)) DERIVATIVES AND 1-(PHENYL CARBAMOYL)-PYRROLIDINE-2-CARBOXYLIC ACID DERIVATIVES AS INTERMEDIATE PRODUCTS

• PROCEDE DE PRODUCTION DE DERIVES D'ACIDE PYRROLIDINE-1,2-DICARBOXYLIQUE-1-(PHENYL(-AMIDE))-2-(PHENYL(-AMIDE)) ET D'ACIDE 1-(PHENYL CARBAMOYL)-PYRROLIDINE-2-CARBOXYLIQUE SERVANT DE PRODUITS INTERMEDIAIRES

(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) MEDERSKI, Werner [DE/DE]; Katzenelnbogenweg 1, 64673 Zwingenberg (DE). TSAKLAKIDIS, Christos [GR/DE]; Im Langgewann 54, 69469 Weinheim (DE). DORSCH, Dieter [DE/DE]; Königsberger Strasse 17A, 64372 Ober-Ramstadt (DE). CEZANNE, Bertram [DE/DE]; Bahnstrasse 74, 64546 Mörfelden-Walldorf (DE). GLEITZ, Johannes [DE/DE]; Liebigstrasse 26, 64293 Darmstadt (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 VN YU ZA ZM ZW.

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

(51)⁷ C07D 413/12, 401/12, 453/06, 403/12, C07C 275/26, A61K 31/5377, 31/4155, 31/4748, A61P 7/02

(11) WO 2004/087696 (13) A1

(21) PCT/EP2004/002407

(22) 9 Mar/mar 2004 (09.03.2004)

(25) de (26) de

(30) 103 15 377.2 3 Apr/avr 2003 DE (03.04.2003)

(30) 103 29 295.0 30 Jun/juin 2003 DE (30.06.2003)

(30) 103 36 570.2 8 Aug/août 2003 DE (08.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PYRAZOLIDINE-1,2-DICARBOXYLDIPHENYLAMIDE DERIVATIVES AS COAGULATION FACTOR XA INHIBITORS FOR THE TREATMENT OF THROMBOSES

• DERIVES DE L'ACIDE PYRAZOLIDINE-1,2-DICARBOXYLIQUE-1-(PHENYLAMIDE)-2-(PHENYLAMIDE) COMME INHIBITEURS DU FACTEUR

DE COAGULATION XA DANS LE TRAITEMENT DE THROMBOSES

(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) MEDERSKI, Werner [DE/DE]; Katzenelnbogenweg 1, 64673 Zwingenberg (DE). TSAKLAKIDIS, Christos [GR/DE]; Im Langgewann 54, 69469 Weinheim (DE). DORSCH, Dieter [DE/DE]; Königsberger Strasse 17 A, 64372 Ober-Ramstadt (DE). CEZANNE, Bertram [DE/DE]; Bahnstrasse 74, 64546 Mörfelden-Walldorf (DE). GLEITZ, Johannes [DE/DE]; Liebigstrasse 26, 64293 Darmstadt (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 VN YU ZA ZM ZW.

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

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(51)⁷ C07D 413/12, 413/10, 263/20, A61K 31/496, A61P 31/04

(11) WO 2004/087697 (13) A1

(21) PCT/IB2004/000943

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/459,444 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • N-ARYL-2-OXAZOLIDINONE-5-CARBOXAMIDES DERIVATIVES WITH ANTIBACTERIAL ACTIVITY

• DERIVES DE N-ARYL-2-OXAZOLIDINONE-5-CARBOXAMIDE A ACTIVITE ANTIBACTERIENNE

(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) HARRIS, Christina, Renee [US/US]; 4919 Sweet Cherry Lane, Kalamazoo, MI 49004 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains NJ 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).
-
- (51)⁷ C07D 417/00
- (11) WO 2004/087698 (13) A2
- (21) PCT/US2004/009061
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 60/457,218 25 Mar/mar 2003 US
(25.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • THIAZOLES USEFUL AS INHIBITORS
OF PROTEIN KINASES
- THIAZOLES UTILES EN TANT
QU'INHIBITEURS DE PROTEINES
KINASES
- (71) VERTEX PHARMACEUTICALS IN-
CORPORATED [US/US]; 130 Waverly
Street, Cambridge, MA 02139 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) FARMER, Luc, J. [US/US]; 19 Howe
Lane, Foxboro, MA 02035 (US). HAR-
RINGTON, Edmund, Martin [US/US];
145 N Street, South Boston, MA 02127 (US).
SALITURO, Francesco, G. [US/US]; 25
Baker Drive, Marlboro, MA 01752 (US).
WANG, Jian [CN/US]; 15 Elliot Street,
Newton, MA 02461 (US).
- (74) SHAIR, Karoline, K., M.; Vertex Pharma-
ceuticals Incorporated, 130 Waverly Street,
Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C07D 417/00
- (11) WO 2004/087699 (13) A2
- (21) PCT/US2004/009166
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 60/457,468 25 Mar/mar 2003 US
(25.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • THIAZOLES USEFUL AS INHIBITORS
OF PROTEIN KINASES

- THIAZOLES UTILES EN TANT
QU'INHIBITEURS DES PROTEINES
KINASES
- (71) VERTEX PHARMACEUTICALS IN-
CORPORATED [US/US]; 130 Waverly
Street, Cambridge, MA 02139 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BRENCHLEY, Guy [GB/GB]; 12
Boucher Close, Grove Wantage, Oxon OX12
0NE (GB). FARMER, Luc, J. [US/US];
19 Howe Lane, Foxboro, MA 02035
(US). HARRINGTON, Edmund, Mar-
tin [US/US]; 145 N Street, South Boston,
MA 02127 (US). KNEGTEL, Ronald
[GB/GB]; 92 Andersey Way, Abingdon,
Oxon OX14 5NW (GB). O'DONNELL,
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Road, Abingdon., Oxfordshire OX14 5TA
(GB). SALITURO, Francesco, G. [US/US];
25 Baker Drive, Marlboro, MA 01752 (US).
STUDLEY, John, R. [GB/GB]; 29 Willow
Brook, Abingdon, Oxfordshire OX14 1TD
(GB). WANG, Jian [CN/US]; 15 Elliot
Street, Newton, MA 02461 (US).
- (74) SHAIR, Karoline, K., M.; Vertex Pharma-
ceuticals Incorporated, 130 Waverly Street,
Cambridge, MA 02139 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C07D 417/04, 453/02, A61K 31/496,
31/446
- (11) WO 2004/087700 (13) A1
- (21) PCT/FR2004/000723
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) fr (26) fr
- (30) 03 03602 25 Mar/mar 2003 FR
(25.03.2003)
- (30) 03 04530 11 Apr/avr 2003 FR
(11.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • BENZENESULPHONAMIDE DERIVA-
TIVES, METHOD FOR PRODUCTION
AND USE THEREOF FOR TREAT-
MENT OF PAIN
- DERIVES DU BENZENESULFONA-
MIDE, LEUR PROCEDE DE PREPARA-
TION ET LEUR UTILISATION DE LA
DOULEUR
- (71) LABORATOIRES FOURNIER S.A.
[FR/FR]; 9 Rue Petitot, F-21000 DIJON
(FR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) BARTH, Martine [FR/FR]; 20
rue Claude Deschault, F-21380 AS-
NIERES-LES-DIJON (FR). BONDOUX,

- Michel [FR/FR]; 7 Rue des Monterey,
F-21121 FONTAINE-LES-DIJON (FR). DO-
DEY, Pierre [FR/FR]; 10 Rue des Champs
d'Aloux, F-21121 FONTAINE-LES-DIJON
(FR). MASSARDIER, Christine [FR/FR]; 5
Rue Nicolas Frochot, F-21000 DIJON (FR).
THOMAS, Didier [FR/FR]; 22 Impasse
du Vert Village, F-21850 SAINT-APOLLI-
NAIRE (FR). LUCCARINI, Jean-Michel
[FR/FR]; 9 Rue de Cronstadt, F-21000 DI-
JON (FR).
- (74) NEVANT, Marc et al. / etc.; Cabinet Beau
de Loménie, 158 Rue de l'Université, F-75340
PARIS Cedex 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).
-
- Published / Publiée : (c)
-
- (51)⁷ C07D 471/04, 491/04, A61K 31/4188,
31/437, A61P 1/04
- (11) WO 2004/087701 (13) A1
- (21) PCT/EP2004/050428
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 03007780.4 4 Apr/avr 2003 EP
(04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CYCLIC BENZIMIDAZOLES
- BENZIMIDAZOLES CYCLIQUES
- (71) ALTANA PHARMA AG [DE/DE];
Byk-Gulden-Str. 2, 78467 Konstanz (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72) BUHR, Wilm; Zum Kirchenwald 7, 78465
Konstanz (DE). CHIESA, Vittoria, M.;
Alpenstr. 5, 78464 Konstanz (DE). ZIM-
MERMANN, Peter, Jan; Zum Lerchental
43/1, 78315 Radolfzell (DE). BREHM,
Christof; Richentalstr. 8, 78462 Konstanz
(DE). PALMER, Andreas; Pirminweg 1a,
78467 Konstanz (DE). POSTIUS, Ste-
fan; Austrasse 4b, 78467 Konstanz (DE).
KROMER, Wolfgang; Hinterhauserstr.
5, 78464 Konstanz (DE). SIMON, Wolf-
gang-Alexander; Schubertstrasse 17, 78464
Konstanz (DE). SENN-BILFINGER, Joerg;
Saentisstrasse 7, 78464 Konstanz (DE).
- (72, 75) BUHR, Wilm [DE/DE]; Zum Kirchen-
wald 7, 78465 Konstanz (DE). CHIESA,
M., Vittoria [IT/DE]; Alpenstr. 5, 78464
Konstanz (DE). ZIMMERMANN, Peter,
Jan [DE/DE]; Zum Lerchental 43/1, 78315
Radolfzell (DE).
- (74) RUPP, Herbert; Altana Pharma AG, Byk-
Gulden-Str. 2, 78467 Konstanz (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 UN ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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

(u) *for / pour US only / seulement*

(51)⁷ C07D 471/04

(11) WO 2004/087702 (13) A2

(21) PCT/FR2004/000778

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr

(26) fr

(30) 0303914 28 Mar/mar 2003 FR
(28.03.2003)

(30) 0314679 **15 Dec/déc 2003** FR
(15.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE ENANTIOSELECTIVE PREPARATION OF SULPHOXIDE DERIVATIVES

● PROCEDE DE PREPARATION ENANTIOSELECTIVE DE DERIVES DE SULFOXYDES.

(71) **SIDEM PHARMA** [LU/LU]; 63, rue de
Rollingergrund, L-L2441 LUXEMBOURG
(LU).

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

(72, 75) COHEN, Avraham [IL/IL]; 16/5 Fishman Maimom Street, TEL AVIV (IL). CHARBIT, Suzy [FR/FR]; 10, rue Floris Osmond, F-94000 CRETEIL (FR). SCHUTZE, François [FR/FR]; 4, rue Charles Baudelaire, F-78860 SAINT-NOM-LA-BRETECHE (FR). MARTINET, Frédéric [FR/FR]; 112, rue de Réaumur, F-75002 PARIS (FR).

(74) L'HELGOUALCH, Jean et al. / etc.; 109, 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 EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA 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 TY TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

(51)⁷ C07D 471/04

(11) WO 2004/087703 (13) A1

(21) PCT/IN2004/000057

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 271/MUM/2003 12 Mar/mar 2003 IN
(12.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR THE PREPARATION OF N,N,6-TRIMETHYL-2-(4-METHYLPHENYL)-IMIDAZO[1,2-A]PYRIDINE-3-ACETAMIDE

● PROCEDE DE PREPARATION DE
N,N,6-TRIMETHYL-2-(4-METHYL-
PHENYL)-IMIDAZO[1,2-A]PYRI-
DINE-3-ACETAMIDE

(71) SUN PHARMACEUTICAL INDUSTRIES LIMITED [IN/IN]; ACME PLAZA, ANDHERI-KURLA ROAD, ANDHERI EAST. MUMBAI 400 059 (IN).

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

(72, 75) **SHAH, Samir, Rameshchandra** [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, BARODA 390020 (IN). **PATEL, Kartik, Shantilal** [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, BARODA 390020 (IN). **REHANI, Rajeev, Budhdev** [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, BARODA 390020 (IN). **THENNATI, Rajaman-nar** [IN/IN]; SUN PHARMA ADVANCED RESEARCH CENTRE, AKOTA ROAD, AKOTA, BARODA 390020 (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 EE EG ES FI FG GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA 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 TY TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 the following designations / pour les désignations suivantes : AE 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MY NZ NI NO NP OG PH PL PM PT RO RU SC SD SE SG SK SL SJ SM SN SR TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW) GH GM KE LS MW MZ SD SZ TZ TM ZW ZY) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 CN CO CR CU CZ DE DK DM DZ EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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 TM) EP (AT BE
BG CH CY CZ DE DK EE ES FI FR GB GR HU
IE IT LU MC NL 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 MG
MK MN MW MX MZ NA NI NO NZ OM PG
PH PL PT 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); (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; (t) for
all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ C07D 471/04, A61K 31/437, A61P 25/04

(11) WO 2004/087704 (13) A1

(21) PCT/SE2004/000472

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 0300908-1 **31 Mar/mar 2003** SE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AZAINDOLE DERIVATIVES, PREPARATIONS THEREOF, USES THEREOF AND COMPOSITIONS CONTAINING THEM

• DERIVES AZAINDOLE, PREPARATIONS DE CES DERIVES AZAINDOLE ET COMPOSITIONS CONTENANT CES DERNIERS

(71) ASTRAZENECAB AB [SE/SE]; S-151 85 Södertälje (SE).

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(72, 75) WEI, Zhongyong [CA/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St Laurent, Québec H4S 1Z9 (CA). DOLAINÉ, Régis [FR/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St Laurent, Québec H4S 1Z9 (CA). WALPOLE, Christopher [GB/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St Laurent, Québec H4S 1Z9 (CA). YANG, Hua [CA/CA]; AstraZeneca R & D Montreal, 7171 Frederick-Banting, St Laurent, Québec H4S 1Z9 (CA).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, 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 VN VU YU ZA ZM ZW.

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

(51)⁷ C07D 487/04, A01N 43/90

(11) WO 2004/087705 (13) A1

(21) PCT/EP2004/003102

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 14 760.8 **31 Mar/mar 2003** DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • 7-ALKENYLAMINO-TRIAZOLOPYRIMIDINES, METHOD FOR THE PRODUCTION THEREOF AND USE THEREOF IN CONTROLLING HARMFUL FUNGI AND SUBSTANCES CONTAINING SAID TRIAZOLOPYRIMIDINES

• 7-ALCENYLAMINO-TRIAZOLOPYRIMIDINES, LEURS PROCÉDES DE PRODUCTION ET LEUR UTILISATION POUR LUTTER CONTRE DES CHAMPIGNONS NUISIBLES, ET AGENTS CONTENANT LESDITS COMPOSÉS

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67065 Ludwigshafen (DE).

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

(72, 75) TORMO I BLASCO, Jordi [ES/DE]; Karl-Benz-Str. 10-3, 69514 Laudenbach (DE). BLETTER, Carsten [DE/DE]; Richard-Wagner-Str. 48, 68165 Mannheim (DE). MÜLLER, Bernd [DE/DE]; Stockingerstr. 7, 67227 Frankenthal (DE). GEWEHR, Markus [DE/DE]; Goethestr. 21, 56288 Kastellaun (DE). GRAMMENOS, Wassilios [GR/DE]; Alexander-Fleming-Str. 13, 67071 Ludwigshafen (DE). GYPSE, Andreas [DE/DE]; B 4.4, 68159 Mannheim (DE). RHEINHEIMER, Joachim [DE/DE]; Merziger Str. 24, 67063 Ludwigshafen (DE). SCHÄFER, Peter [DE/DE]; Römerstr. 1, 67308 Ottersheim (DE). SCHIEWECK, Frank [DE/DE]; Lindenweg 4, 67258 Hessheim (DE). SCHWÖGLER, Anja [DE/DE]; Heinrich-Lanz-Str. 3, 68165 Mannheim (DE). SCHERER, Maria [DE/DE]; Hermann-Jürgens-Str. 30, 76829 Landau (DE). STRATHMANN, Siegfried [DE/DE]; Donnersbergstr. 9, 67117 Limburgerhof (DE). SCHÖFL, Ulrich [DE/DE]; Erlenstr. 8, 68782 Brühl (DE). STIERL, Reinhard [DE/DE]; Jahnstr. 8, 67251 Freinsheim (DE).

(74) BASF AKTIENGESELLSCHAFT; 67065 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)⁷ C07D 487/04, A01N 43/90

(11) WO 2004/087706 (13) A1

(21) PCT/EP2004/003346

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de
(30) 103 14 930.9 **2 Apr/avr 2003** DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • 7-ALKINYLAMINO-TRIAZOLOPYRIMIDINES, METHODS FOR THE PRODUCTION AND USE THEREOF TO COMBAT HARMFUL FUNGI AND AGENTS CONTAINING SAID COMPOUNDS

• 7-ALKINYLAMINO-TRIAZOLOPYRIMIDINES, LEURS PROCÉDES DE PRODUCTION ET LEUR UTILISATION POUR LUTTER CONTRE LES CHAMPIGNONS NUISIBLES ET LES PRODUITS LES CONTENANT

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67065 Ludwigshafen (DE).

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

(72, 75) TORMO I BLASCO, Jordi [ES/DE]; Karl-Benz-Strasse 10-3, 69514 Laudenbach (DE). BLETTER, Carsten

[DE/DE]; Richard-Wagner-Strasse 48, 68165 Mannheim (DE). MÜLLER, Bernd [DE/DE]; Stockingerstrasse 7, 67227 Frankenthal (DE). GEWEHR, Markus [DE/DE]; Goethestrasse 21, 56288 Kastellaun (DE). GRAMMENOS, Wassilios [GR/DE]; Alexander-Fleming-Strasse 13, 67071 Ludwigshafen (DE). GROTE, Thomas [DE/DE]; Im Höhnhausen 18, 67157 Wachenheim (DE). GYPSE, Andreas [DE/DE]; B 4.4, 68159 Mannheim (DE). RHEINHEIMER, Joachim [DE/DE]; Merziger Strasse 24, 67063 Ludwigshafen (DE). SCHÄFER, Peter [DE/DE]; Römerstrasse 1, 67308 Otterheim (DE). SCHIEWECK, Frank [DE/DE]; Lindenweg 4, 67258 Hessheim (DE). SCHWÖGLER, Anja [DE/DE]; Heinrich-Lanz-Strasse 3, 68165 Mannheim (DE). SCHERER, Maria [DE/DE]; Hermann-Jürgens-Strasse 30, 76829 Landau (DE). STRATHMANN, Siegfried [DE/DE]; Donnersbergstrasse 9, 67117 Limburgerhof (DE). SCHÖFL, Ulrich [DE/DE]; Erlenstr. 8, 68782 Brühl (DE). STIERL, Reinhard [DE/DE]; Jahnstrasse 8, 67251 Freinsheim (DE).

(74) BASF AKTIENGESELLSCHAFT; 67065 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).

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(21) PCT/GB2004/001214

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 0307389.7 **31 Mar/mar 2003** GB
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(30) 0312296.7 **29 May/mai 2003** GB
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(30) 0319028.7 **13 Aug/août 2003** GB
(13.08.2003)

(30) 0325854.8 **5 Nov/nov 2003** GB
(05.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PYRAZOLOPYRIMIDINE COMPOUNDS AND THEIR USE IN MEDICINE

• COMPOSES PYRAZOLOPYRIMIDINES ET LEUR UTILISATION EN MEDECINE

(71) VERNALIS (CAMBRIDGE) LIMITED [GB/GB]; Granta Park, Abington, Cambridge CB1 6GB (GB).

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(72, 75) PARRATT, Martin [GB/GB]; Vernalis (Cambridge) Limited, Granta Park, Abington, Cambridge CB1 6GB (GB).
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 WILLIAMSON, Douglas [GB/GB]; Vernalis (Cambridge) Limited, Granta Park, Abington, Cambridge CB1 6GB (GB).
 CANSFIELD, Andrew [GB/GB]; Vernalis (Cambridge) Limited, Granta Park, Abington, Cambridge CB1 6GB (GB).

(74) HOWARD, Paul, Nicholas et al. / etc.; Carpmacels & Ransford, 43-45 Bloomsbury Square, London WC1A 2RA (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)⁷ C07D 487/04, A61P 25/00

(11) WO 2004/087708 (13) A1

(21) PCT/IB2004/001006

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/460,698 4 Apr/avr 2003 US (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PYRROLO (1,2-B) PYRIDAZINE COMPOUNDS AND THEIR USE AS CFR-1 RECEPTOR ANTAGONISTS

• COMPOSES DE PYRROLO (1,2-B) PYRIDAZINE ET LEUR UTILISATION COMME ANTAGONISTES DU RECEPTEUR DE CORTICOLIBERINE-1

(71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).

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

(72, 75) FU, Jian-min [US/CA]; 804-4288 Grange Street, Burnaby, British Columbia (CA).

(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 VN YU ZA ZM ZW.

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

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

(51)⁷ C07D 487/04, A61K 31/5025, A61P 25/00 // (C07D 487/04, 231:00, 209:00)

(11) WO 2004/087709 (13) A1

(21) PCT/IB2004/000951

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/460,734 4 Apr/avr 2003 US (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PYRROLO[1,2-B]PYRIDAZINE COMPOUNDS AND THEIR USES

• COMPOSES DE PYRROLO[1,2-B]PYRIDAZINE ET LEURS UTILISATIONS

(71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).

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

(72, 75) FU, Jian-min [US/CA]; 804-4288 Grange Street, Burnaby, British Columbia (CA).

(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 VN YU ZA ZM ZW.

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

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(51)⁷ C07D 487/04, A61K 31/5025, A61P 25/00

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(21) PCT/IB2004/000971

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/459,744 2 Apr/avr 2003 US (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PYRROLO[1,2-B]PYRIDAZINE COMPOUNDS AND THEIR USE AS CRF1 RECEPTOR ANTAGONISTS

• COMPOSES DE PYRROLO[1,2-B]PYRIDAZINE ET LEUR UTILISATION COMME ANTAGONISTES DES RECEPTEURS DU CRF1

(71) PHARMACIA & UPJOHN COMPANY [US/US]; 301 Henrietta Street, Kalamazoo, MI 49001 (US).

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

(72, 75) FU, Jian-Min [US/CA]; 804-4288 Grange Street, Burnaby, British Columbia V5H 1P2 (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 VN YU ZA ZM ZW.

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

(51)⁷ C07D 487/04, A61K 31/5517, A61P 35/00 // (C07D 487/04, 243:00, 209:00)

(11) WO 2004/087711 (13) A1

(21) PCT/IN2003/000102

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PYRENE-LINKED PYRROLO (2,1-C) (1,4) BENZODIAZEPINE DERIVATIVES USEFUL AS ANTICANCER AGENTS

• DERIVES DE PYRROLO (2,1-C) (1,4) BENZODIAZEPINE LIES AU PYRENE UTILES EN TANT QU'AGENTS ANTICANCEREUX

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Warg, New Delhi 110 001 (IN).

(72) KAMAL, Ahmed; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). GUJJAR, Ramesh; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). Poddutoori, Ramulu; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN). OLEPU, Srinivas; Indian Institute of Chemical Technology, Hyderabad 500 007, Andhra Pradesh (IN).

(74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, E-556 Greater Kailash II, New Delhi 110 048 (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 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).

(51)⁷ C07D 487/04, A61K 31/5517, A61P 35/00 // (C07D 487/04, 243:00, 209:00)

(11) WO 2004/087712 (13) A1

(21) PCT/IN2003/000122

(22) 31 Mar/mar 2003 (31.03.2003)

- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • NEW PYRIMIDINE
LINKED PYRROLO[2,1-
c][1,4]BENZODIAZEPINES AS
POTENTIAL ANTITUMOUR AGENTS
• NOUVELLES PYRROLO[2,1-
<I>C</I>][1,4]BENZODIAZEPINES
A LIAISON PYRIMIDINE UTILISEES
COMME AGENTS ANTITUMORAUX
POTENTIELS
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) KAMAL, Ahmed; Indian Institute of Chemical Technology, Hyderabad, Andhra Pradesh 500 007 (IN). REDDY, Karnati, Laxma; Indian Institute of Chemical Technology, Hyderabad, Andhra Pradesh 500 007 (IN).
- (74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048 (IN).
- (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 NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG 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).
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- (51)⁷ C07D 487/10, 401/14, 417/12, 401/12, 487/04, 403/10, 413/12, 407/04, 409/14, A61K 31/404, A61P 31/14, C07D 413/04, 471/04
- (11) WO 2004/087714 (13) A1
- (21) PCT/GB2004/001437
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 0307891.2 4 Apr/avr 2003 GB (04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • INDOLE ACETAMIDES AS INHIBITORS OF THE HEPATITIS C VIRUS NS5B POLYMERASE
• ACETAMIDES D'INDOLE COMME INHIBITEURS DE LA POLYMERASE NS5B DU VIRUS DE L'HEPATITE C
- (71) ISTITUTO DI RICERCA DI BIOLOGIA MOLECOLARE P ANGELETTI SPA [IT/IT]; Via Pontina KM 30.600, I-00040 Pomezia (Rome) (IT).
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- (72, 75) AVOLIO, Salvatore [IT/IT]; IRBM, Via Pontina KM 30.600, I-00040 Pomezia (Rome) (IT). DI FILIPPO, Marcello [IT/IT]; IRBM, Via Pontina KM 30.600, I-00040 Pomezia (Rome) (IT). HARPER, Steven [GB/IT]; IRBM, Via Pontina KM 30.600, I-00040 Pomezia (Rome) (IT). NARJES, Frank [DE/IT]; IRBM, Via Pontina KM 30.600, I-00040 Pomezia (Rome) (IT). PACINI, Barbara [IT/IT]; IRBM, Via Pontina KM 30.600, I-00040 Pomezia (Rome) (IT). POMPEI, Marco [IT/IT]; IRBM, Via Pontina KM 30.600, I-00040 Pomezia (Rome) (IT). ROWLEY, Michael [GB/IT]; IRBM, Via Pontina KM 30.600, I-00040 Pomezia (Rome) (IT). STANSFIELD, Ian [GB/IT]; IRBM, Via Pontina KM 30.600, I-00040 Pomezia (Rome) (IT).
- (74) MAN, Jocelyn; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (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).
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- (51)⁷ C07D 491/22
- (11) WO 2004/087715 (13) A1
- (21) PCT/IN2003/000108
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR PREPARING TOPOTECAN FROM 10-HYDROXY-4-(S) CAMPTOTHECIN
• PROCEDE POUR PREPARER DU TOPOTECAN A PARTIR DE 10-HYDROXY-4-(S)-CAMPTOTHECINE
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) PURI, Satish, Chander; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). HANDA, Geeta; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). DHAR, Kanaya, Lal; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). SURI, Om, Parkash; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN). QAZI, Ghulam, Nabi; Regional Research Laboratory, Canal Road, Jammu, Jammu & Kashmir (IN).
- (74) SUBRAMANIAM, Hariharan et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash-II, New Delhi 110 048 (IN).
- (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 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)⁷ C07D 519/00, A61K 31/5517, A61P 35/00
- (11) WO 2004/087716 (13) A1
- (21) PCT/IB2003/001164
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PYRROLO[(2,1-C)(1,4) BENZODIAZEPINES DIMERS AS ANTITUMOUR AGENTS AND PROCESS THEREOF
• DIMERES DE PYRROLO[(2,1-C)(1,4) BENZODIAZEPINE EN TANT QU'AGENTS ANTITUMORAUX ET PROCEDE CORRESPONDANT
- (71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).

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(72, 75) KAMAL, Ahmed [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, 500 007 Andhra Pradesh (IN). REDDY, Peram, Surakattula, Murali, Mohan [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, 500 007 Andhra Pradesh (IN). REDDY, Depatla, Rajasekhar [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, 500 007 Andhra Pradesh (IN).

(74) SRINIVASAN, Thiagarajan; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS, 110 062 NEW DELHI (IN).

(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)⁷ C07D 519/00, A61K 31/5517, A61P 35/00

(11) WO 2004/087717 (13) A1

(21) PCT/IB2003/001182

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NON-CROSS-LINKING PYRROLO[2,1-C][1,4]BENZODIAZEPINES AS POTENTIAL ANTITUMOUR AGENTS AND PROCESS THEREOF

• PYRROLO[2,1-C][1,4]BENZODIAZEPINES NON-RETICULEES COMME AGENTS ANTICANCEREUX POTENTIELS ET LEUR PROCEDE DE PREPARATION

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).

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

(72, 75) KAMAL, Ahmed [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, 500 007 Andhra Pradesh (IN). RAMESH, Gujjar [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, 500 007 Andhra Pradesh (IN).

Pradesh (IN). SRINIVAS, Olepu [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, 500 007 Andhra Pradesh (IN). RAMULU, Poddutoori [IN/IN]; Indian Institute of Chemical Technology, Hyderabad, 500 007 Andhra Pradesh (IN).

(74) SRINIVASAN, Thiagarajan; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS, 110 062 NEW DELHI (IN).

(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)⁷ C07F 7/18, C07D 471/14

(11) WO 2004/087718 (13) A1

(21) PCT/EP2004/050414

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03007663.2 3 Apr/avr 2003 EP (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR THE PRODUCTION OF IMIDAZOPYRIDIN-8-ONES

• PROCEDE DE PRODUCTION D'IMIDAZOPYRIDIN-8-ONES

(71) ALTANA PHARMA AG [DE/DE]; Byk-Gulden-Str. 2, 78467 Konstanz (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ALSTERS, Paulus Lambertus [NL/NL]; Oranjeplein 273, NL-6224 KZ Maastricht (NL). MINK, Daniel [DE/BE]; Heckenweg 5, B-4700 Eupen (BE).

(74) RUPP, Herbert; Altana Pharma AG, Byk-Gulden-Str. 2, 78467 Konstanz (DE).

(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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 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 AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ C07F 7/18

(11) WO 2004/087719 (13) A1

(21) PCT/IP2004/004562

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 2003-093337 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NITROGEN-CONTAINING ORGANOSILICON COMPOUND, METHOD OF MANUFACTURE, AND METHOD OF TREATING SURFACES
• COMPOSE ORGANOSILICIE CONTENANT DE L'AZOTE, PROCEDE DE PRODUCTION ET PROCEDE DE TRAITEMENT DE SURFACES

(71) DOW CORNING TORAY SILICONE CO., LTD. [JP/JP]; 1-3, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1000005 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWAI, Makoto [JP/JP]; c/o Dow Corning Toray Silicone Co., Ltd, 2-2, Chigusaigaan, Ichihara-shi, Chiba 2990108 (JP). HAMADA, Mitsuyoshi [JP/JP]; c/o Research & Development Center, Hitachi Chemical Co., Ltd., 48 Wadai, Tsukuba-shi, Ibaraki 3004247 (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 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)⁷ C07F 9/09, 9/38, C07C 305/12, 307/02

(11) WO 2004/087720 (13) A1

(21) PCT/IB2004/000574

(22) 23 Feb/fév 2004 (23.02.2004)

(25) en (26) en

(30) 60/453,163 10 Mar/mar 2003 US
(10.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHOSPHATE/SULFATE ESTER COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS FOR INHIBITING PROTEIN INTERACTING NIMA (PIN1)

• COMPOSES A BASE D'ESTERS DE SULFATE/PHOSPHATE ET COMPOSITIONS PHARMACEUTIQUES INHIBANT L'ACTIVITE DE NIMA INTERAGISSANT AVEC DES PROTEINES (PIN1)

(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) GUO, Chuangxing [US/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). DAGOSTINO, Eleanor, FerroNyalka [US/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). DONG, Liming [CN/US]; Agouron Pharmaceuticals, Inc., A Pfizer Company, 10777 Science Center Drive, San Diego, CA 92121 (US). HOU, Xinjun [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). MAR-GOSIAK, Stephen, Anthony [US/US]; 1555 South Upas Street, Escondido, CA 92025 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07F 9/117, A61K 31/6615

(11) WO 2004/087721 (13) A1

(21) PCT/US2004/009088

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/459,235 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CAMPHANYLIDENE AND PHENYLALKYL INOSITOL POLYPHOSPHATE COMPOUNDS, COMPOSITIONS, AND METHODS OF THEIR USE

• COMPOSES DE CAMPHANYLIDENE ET POLYPHOSPHATES D'INOSITOL PHENYLALKYLE, COMPOSITIONS ET LEURS PROCÉDES D'UTILISATION

(71) INOLOGIC, INC. [US/US]; 101 Elliott Avenue West, Suite 400, Seattle, WA 98119 (US).

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

(72, 75) TRAYNOR-KAPLAN, Alexis, E. [US/US]; 43012 S.E. 108th Street, North Bend, WA 98045 (US).

(74) SHELTON, Dennis, K.; 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07F 9/141, C08K 5/524, C08L 57/08

(11) WO 2004/087722 (13) A1

(21) PCT/EP2004/003067

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03076007.8 4 Apr/avr 2003 EP
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHOSPHITE REACTIONS IN THE PRESENCE OF METAL SOAPS FOR LIQUID STABILISERS

• REACTIONS DE PHOSPHITES EN PRESENCE DE SAVONS METALLIQUES POUR STABILISATEURS LIQUIDES

(71) AKZO NOBEL N.V. [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).

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

(72, 75) CARRAZ, Charles-Antoine [GB/GB]; 4, Stanton Garden, Stanton Avenue, Manchester M20 2PT (GB). MALCOMSON, Susan, Patricia [GB/GB]; 6, Fairburn Close, Urmston, Manchester M41 8DX (GB). MEL-LOR, Malcolm, Thomas, John [GB/GB]; 16, Blaimore Drive, Bolton, Lancashire BL3 4UE (GB).

(74) SCHALKWIJK, Pieter, Cornelis et al. / etc.; 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).

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(51)⁷ C07F 9/53

(11) WO 2004/087723 (13) A2

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(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 15 671.2 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING ACYLPHOSPHINE OXIDE SOLIDS

• PROCÉDE DE FABRICATION DE SOLIDES D'OXYDES D'ACYLPHOSPHINE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) BERTLEIN, Gerhard [DE/DE]; Ringstrasse 13, 69151 Neckargemünd (DE).

SCHALL, Karl, Heinz [DE/DE]; Uhlandstrasse 10, 67354 Römerberg (DE). MAASE, Matthias [DE/DE]; Am Klipfelstor 4, 67346 Speyer (DE). HEILEK, Jörg [DE/DE]; Im Schlag 17, 69245 Bammental (DE). BAUMANN, Dieter [DE/DE]; Meergartenweg 1, 67227 Frankenthal (DE). ASCHERL, Hermann [DE/DE]; Am Herrgottsacker 7, 67246 Dirmstein (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).

(51)⁷ C07F 07/18, C07C 319/20, 323/52, 405/00

(11) WO 2004/087724 (13) A1

(21) PCT/JP2004/004484

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

- (30) 2003-093247 **31 Mar/mar 2003 JP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR PRODUCING α,β,γ -SUBSTITUTED CYCLOPENTANONE DERIVATIVE
• PROCEDE POUR LA PRODUCTION DE DERIVE DE CYCLOPENTANONE $\text{SG(A)}, \text{SG(B)}, \text{SG(G)}$ -SUBSTITUE
- (71) **TAISHO PHARMACEUTICAL CO., LTD.** [JP/JP]; 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ONODERA, Akira** [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **KOBASHI, Yohei** [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **KIMURA, Yoshihiro** [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **OHTA, Koumei** [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP). **YOKOO, Chihiro** [JP/JP]; c/o Taisho Pharmaceutical Co., Ltd., 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (JP).
- (74) **SATORI, Soichi** et al. / etc.; c/o Taisho Pharmaceutical Co., Ltd., Intellectual Property Division, 24-1, Takata 3-chome, Toshima-ku, Tokyo 170-8633 (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 SD SE SG SK SL 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C07H 15/00**
- (11) **WO 2004/087726** (13) A1
- (21) PCT/IN2003/000119
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • NOVEL NITRILE GLYCOSIDE USEFUL AS A BIO-ENHANCER OF DRUGS AND NUTRIENTS, PROCESS OF ITS ISOLATION FROM *MORINGA OLEIFERA*.
• NOUVEAU GLYCOSIDE DE NITRILE UTILISABLE COMME BIO-ACTIVATEUR DE MEDICAMENTS ET D'ELEMENTS NUTRITIFS, ET PROCEDE PERMETTANT D'ISOLER CE GLYCOSIDE A PARTIR DE *MORINGA OLEIFERA*.
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) **KHANUJA, Suman, Preet, Singh**; Central Institute Of Medicinal And Aromatic Plants, P.O.CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **ARYA, Jai, Shanker**; Central Institute Of Medicinal And Aromatic Plants, P.O.CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **TIRUPADIRIPULIYUR, Ranganathan, Santha, Kumar**; Central Institute Of Medicinal And Aromatic Plants, P.O.CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SAIKIA, Dharmendra**; Central Institute Of Medicinal And Aromatic Plants, P.O.CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **KAUR, Harpreet**; Central Institute Of Medicinal And Aromatic Plants, P.O.CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SINGH, Monika**; Central Institute Of Medicinal And Aromatic Plants, P.O.CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **GUPTA, Subhash, Chandra**; Central Institute Of Medicinal And Aromatic Plants, P.O.CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SHASANY, Ajit, Kumar**; Central Institute Of Medicinal And Aromatic Plants, P.O. CIMAP, Lucknow 226015, Uttar Pradesh (IN). **DAROKAR, Mahendra, Pandurang**; Central Institute Of Medicinal And Aromatic Plants, P.O. CIMAP, Lucknow 226015, Uttar Pradesh (IN). **SRIVASTAVA, Santosh, Kumar**; Central Institute Of Medicinal And Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **GUPTA, Madan, Mohan**; Central Institute Of Medicinal And Aromatic Plants, P.O.CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **VERMA, Subash, Chandra**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **PAL, Anirban**; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN).
- (74) **SUBRAMANIAM, Hariharan** et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048 (IN).
- (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 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)⁷ **C07H 15/203, A61K 31/7036, 31/7042, 31/7048, 31/7056, A61P 3/04, 3/06, 7/10, 9/04, 9/10, 9/12, 19/06, 43/00, C07H 17/00, 17/02, 17/04**
- (11) **WO 2004/087727** (13) A1
- (21) PCT/JP2004/004009
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) ja (26) ja
- (30) 2003-97152 **31 Mar/mar 2003 JP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • FUSED HETEROCYCLIC DERIVATIVE, MEDICINAL COMPOSITION CONTAINING THE SAME, AND MEDICINAL USE THEREOF
• DERIVE HETEROCYCLIQUE FUSIONNE, COMPOSITION MEDICALE LE CONTENANT ET UTILISATION MEDICALE ASSOCIEE
- (71) **KISSEI PHARMACEUTICAL CO., LTD.** [JP/JP]; 19-48, Yoshino, Matsumoto-shi, Nagano 399-8710 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUSHIMI, Nobuhiko** [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minamiazumi-gun, Nagano 399-8304 (JP). **YONEKUBO, Shigeru** [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minamiazumi-gun, Nagano 399-8304 (JP). **MURANAKA, Hideyuki** [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minamiazumi-gun, Nagano 399-8304 (JP). **SHIOHARA, Hiroaki** [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minamiazumi-gun, Nagano 399-8304 (JP). **TERANISHI, Hirotaka** [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minamiazumi-gun, Nagano 399-8304 (JP).
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- (51)⁷ **C07H 13/04, 13/06**
- (11) **WO 2004/087725** (13) A1
- (21) PCT/IN2003/000115
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • POLYMERIZABLE MONOMERS AND PROCESS OF PREPARATION THEREOF
• MONOMERES POLYMERISABLES ET LEUR PROCEDE DE PREPARATION
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) **KULKARNI, Mohan, Gopalkrishna**; National Chemical Laboratory, Pune 411 008, Maharashtra (IN). **KHANDARE, Jayant, Jagannath**; National Chemical Laboratory, Pune 411 008, Maharashtra (IN).

- 399-8304 (JP). SHIMIZU, Kazuo [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minami-azumi-gun, Nagano 399-8304 (JP). ITO, Fumiaki [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minami-azumi-gun, Nagano 399-8304 (JP). ISAJI, Masayuki [JP/JP]; c/o Central Research Laboratories, Kissei Pharmaceutical Co., Ltd., 4365-1, Oaza Kashiwabara, Hotaka-machi, Minami-azumi-gun, Nagano 399-8304 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ C07H 17/00
- (11) WO 2004/087728 (13) A2
- (21) PCT/US2004/008940
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 10/397,923 26 Mar/mar 2003 US (26.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • 6,11-3C-BICYCLIC 9A-AZALIDE DERIVATIVES
• DERIVES 9A-AZALIDE 6,11-3C-BICYCLIQUES
- (71) ENANTA PHARMACEUTICALS, INC. [US/US]; Attn: Patent Dept., 500 Arsenal Street, Watertown, MA 02472 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WANG, Guoqiang [CN/US]; 63 Creeley Road, Belmont, MA 02478 (US). OR, Yat, Sun [US/US]; 169 Fayette Street, Watertown, MA 02472 (US). PHAN, Ly, Tam [US/US]; 221 South Central Avenue, Quincy, MA 02170 (US). BUSUYEK, Marina [RU/MA]; 37 Franconia Avenue, Natick, MA 01760 (US).
- (74) FERRONE, Jason, D.; Enanta Pharmaceuticals, Inc., 500 Arsenal Street, Watertown, MA 02472 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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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- Published / Publiée : (c)
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- (51)⁷ C07H 21/00
- (11) WO 2004/087730 (13) A2
- (21) PCT/US2004/009648
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/458,192 27 Mar/mar 2003 US (27.03.2003)
- (30) 60/535,781 12 Jan/jan 2004 US (12.01.2004)
- MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR PRODUCING DIVERSE LIBRARIES OF ENCODED POLYMERS
• METHODE DE PRODUCTION DE DIVERSES BANQUES DE POLYMERES CODES
- (71) THE JOHNS HOPKINS UNIVERSITY [US/US]; 100 N. Charles Street, 5th Floor, Baltimore, MD 20201 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MERRYMAN, Charles, E. [US/US]; 2501 Jim Kohler Road, Sykesville, MD 21784 (US). GREEN, Rachel, D. [US/US]; 4303 Wickford Road, Baltimore, MD 21210 (US).
- (74) COLLINS, Anne, J. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ C07J 3/00, 31/00
- (11) WO 2004/087731 (13) A1
- (21) PCT/DK2004/000242
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 03007756.4 4 Apr/avr 2003 EP (04.04.2003)
- (30) 2004 00449 19 Mar/mar 2004 DK (19.03.2004)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR THE PREPARATION OF STEROIDAL CARBOTHIOIC ACID DERIVATIVES AND INTERMEDIATES
• METHODE DE PREPARATION DE DERIVES ET D'INTERMEDIAIRES D'ACIDES CARBOTHIOIQUES STEROIDES
- (71) ALPHARMA APS [DK/DK]; 11 Dalslands-gade, DK-2300 Copenhagen S (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LOEVLI, Trond [NO/NO]; Welhavens Vei 2, NO-1412 Sofiemyr (NO). NYGAARD, Anne-Mette [NO/NO]; Harald Haarfagres Gates 10B, NO-0363 Oslo (NO). REITSTOEN, Bjoern [NO/NO]; Eke-lyveien 4B, NO-0374 Oslo (NO). FIVELSTAD, Magny [NO/NO]; Sognsveien 131B, NO-0855 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 :

(u) for / pour US only / seulement

(51)⁷ C07K

(11) WO 2004/087732 (13) A2

(21) PCT/IN2004/000055

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 267/MUM/2003 11 Mar/mar 2003 IN
(11.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PROCESS FOR THE PREPARATION OF
(1S, 4S)-4-(3,4-DICHLOROPHENYL)-
1,2,3,4-TETRAHYDRO-N-METHYL-1-
NAPHTHYLAMINE

- PROCEDE DE PREPARATION DE
(1S, 4S)-4-(3,4-DICHLOROPHE-
NYL)-1,2,3,4-TETRAHYDRO-N-ME-
THYL-1-NAPHTHYLAMINE

- (71) SUN PHARMACEUTICAL INDUS-
TRIES LIMITED [IN/IN]; ACME PLAZA,
ANDHERI-KURLA ROAD, ANDHERI
EAST, MUMBAI 400059 (IN).

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

- (72, 75) JADAV, Kanaksinh, Jesingbhai
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RESEARCH CENTRE, AKOTA ROAD,
AKOTA, BARODA 390020 (IN). CHIT-
TURI, Trinadha, Rao [IN/IN]; SUN
PHARMA ADVANCED RESEARCH CENT-
RE, AKOTA ROAD, AKOTA, BARODA
390020 (IN). THENNATI, Rajamannar
[IN/IN]; SUN PHARMA ADVANCED
RESEARCH CENTRE, AKOTA ROAD,
AKOTA, BARODA 390020 (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 :

(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); (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); (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)⁷ C07K

(11) WO 2004/087733 (13) A2

(21) PCT/US2004/009045

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en

(26) en

(30) 60/458,986

28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PREVENTION AND TREATMENT OF
ALZHEIMER AMYLOID DEPOSITION
• PREVENTION ET TRAITEMENT DU
DEPOT D'AMYLOIDE DANS LA MA-
LADIE D'ALZHEIMER

- (71) NEW YORK UNIVERSITY [US/US]; 70
Washington Square, New York, NY 10012
(US).

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

- (72) WISNIEWSKI, Thomas; 141 Nixon Av-
enue, Staten Island, NC 10304 (US). SAD-
OWSKI, Marc; 2736 Edgeview Hill,
Bronx, NY 10463 (US). SIGURDSSON,
Einar, M.; 131 East 93rd Street, Apt. 5C,
New York, NY 10128 (US).

- (74) GOLDMAN, Michael, L. et al. / etc.; Nixon
Peabody LLP, Clinton Square, P.O. Box
31051, Rochester, NY 14603-1051 (US).

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

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

(51)⁷ C07K

(11) WO 2004/087734 (13) A2

(21) PCT/US2004/009332

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en

(26) en

(30) 60/458,523

28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • STQ-PEPTIDES
• PEPTIDES STQ

- (71) NEW YORK UNIVERSITY [US/US]; 70
Washington Square South, New York, NY
10012 (US).

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

- (72, 75) BROOKS, Peter, C. [US/US]; 4 East
Boys Rd., Carmel, NY 10512 (US).
AKALU, Abebe [ET/US]; 113 West 113th
St., Apt. 1A, New York, NY 10026 (US).

- (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).
-
- (51)⁷ C07K
- (11) WO 2004/087735 (13) A2
- (21) PCT/US2004/009398
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/458,063 26 Mar/mar 2003 US (26.03.2003)
- (30) 60/534,689 8 Jan/jan 2004 US (08.01.2004)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROTEOLYTIC AND COVALENT ANTIBODIES
- ANTICORPS PROTEOLYTIQUES ET COVALENTS
- (71) THE UNIVERSITY OF TEXAS [US/US]; Health Science Center at Houston, 7000 Fannin Street, Suite 1477, Houston, TX 77030 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PAUL, Sudhir [US/US]; 2323 Reflection Court, Missouri City, TX 77459 (US). NISHIYAMA, Yasuhiro [JP/US]; 7100 Alameda Road #607, Houston, TX 77054 (US).
- (74) HAHN, Robert, W. et al. / etc.; Katten Muchin Zavis Rosenman, 1025 Thomas Jefferson Street, NW, East Lobby, Suite 700, Washington, DC 20007-5201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K
- (11) WO 2004/087736 (13) A2
- (21) PCT/US2004/009476
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/458,164 27 Mar/mar 2003 US (27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)

- (54) • USES OF VASCULAR ENDOTHELIAL GROWTH FACTOR AND TYPE I COLLAGEN INDUCIBLE PROTEIN (VCIP)
- UTILISATIONS D'UNE PROTEINE INDUITE PAR FACTEUR DE CROISSANCE ENDOTHELIALE VASCULAIRE ET COLLAGENE DE TYPE I (VCIP)
- (71) THE TEXASE 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) WARY, Kishore, K.; 2255 Braeswood Park Drive, Apt. 2328, Houston, TX 77030 (US). HUMTSOE, Joseph, O.; 7901 Cambridge, Apt. 120, Houston, TX 77054 (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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K
- (11) WO 2004/087737 (13) A2
- (21) PCT/US2004/009567
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/458,009 26 Mar/mar 2003 US (26.03.2003)
- (30) 10/617,523 10 Jul/juil 2003 US (10.07.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • OMEGA-3 FATTY ACID ASSAYS FOR DISEASE RISK ASSESSMENT
- ESSAIS D'ACIDES GRAS OMEGA-3 POUR L'EVALUATION DES RISQUES D'ATTRAPER UNE MALADIE
- (71) OMEGAMETRIX, LLC [US/US]; 7479 Village Drive, Prairie Village, KS 66208 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HARRIS, Williams, S. [US/US]; 7479 Village Drive, Prairie Village, KS 66208 (US).
- (74) TRUITT, Tracey, S.; 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)⁷ C07K
- (11) WO 2004/087738 (13) A2
- (21) PCT/US2004/009662
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/457,570 27 Mar/mar 2003 US (27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LUPUS ANTIBODIES FOR PASSIVE IMMUNOTHERAPY OF HIV/AIDS
- ANTICORPS LUPUS POUR IMMUNOTHERAPIE PASSIVE CONTRE LE VIH/SIDA
- (71) THE UNIVERSITY OF TEXAS [US/US]; Health Science Center at Houston, 7000 Fannin Street, Suite 1477, Houston, TX 77030 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PAUL, Sudhir [US/US]; 2323 Reflection Court, Missouri City, TX 77459 (US).
- (74) HAHN, Robert, W. et al. / etc.; Katten Muchin Zavis Rosenman, 1025 Thomas Jefferson Street, NW, East Lobby, Suite 700, Washington, DC 20007-5201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C07K 1/113, 19/00
- (11) WO 2004/087739 (13) A1
- (21) PCT/KR2004/000781
- (22) 3 Apr/avr 2004 (03.04.2004)
- (25) en (26) en
- (30) 10-2003-0021122 3 Apr/avr 2003 KR (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PEG-PHYSIOLOGICALLY ACTIVE POLYPEPTIDE HOMODIMER COMPLEX HAVING PROLONGED IN VIVO HALF-LIFE AND PROCESS FOR THE PREPARATION THEREOF
- COMPLEXE HOMODIMERE PEG-POLYPEPTIDE PHYSIOLOGIQUEMENT ACTIF A DEMI-VIE PROLONGEE IN VIVO ET PROCEDE DE PREPARATION DUDIT COMPLEXE

(71) HANMI PHARM. CO. LTD. [KR/KR]; #893-5, Hajeo-ri, Paltan-myeon, 445-910 Hwasong-gun, Kyungki-do (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Young Min [KR/KR]; Mae-hwamaeul Woonam Dreamvalley 102-803, #877, Gomae-ri, Kiheung-eup, 449-900 Yongin-si, Kyungki-do (KR). KIM, Dae Jin [KR/KR]; Gubampo Apt. 28-402, Ban-pobon-dong, Seocho-gu, 137-049 Seoul (KR). BAE, Sung Min [KR/KR]; 303-ho, #1587-8, Bongcheon-4-dong, Kwanak-gu, 151-054 Seoul (KR). LIM, Chang Ki [KR/KR]; #20, Kumi-dong, Bundang-gu, 463-500 Seongnam-si, Kyungki-do (KR). KIM, Kyeong Bae [KR/KR]; #100-435, Bongcheon-6-dong, Kwanak-gu, 151-810 Seoul (KR). KWON, Se Chang [KR/KR]; Hyundai 8-cha 802-2205, Kwangjang-dong, Kwangjin-gu, 143-815 Seoul (KR). LEE, Gwan Sun [KR/KR]; Woochang Apt. 3-404, Okeum-dong, Songpa-gu, 138-739 Seoul (KR).

(74) JANG, Seongku et al. / etc.; 19th Fl., KEC Building, #275-7, Yangjae-dong, Seocho-ku, Seoul 137-130 (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)⁷ C07K 5/10

(11) WO 2004/087740 (13) A2

(21) PCT/US2004/009546

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/405,111 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRESERVED AND STABLE COMPOSITIONS CONTAINING PEPTIDE COPPER COMPLEXES AND METHODS RELATED THERETO

• COMPOSITIONS STABLES CONTENANT UN AGENT CONSERVATEUR ET DES COMPLEXES CUIVRE-PEPTIDE ET LEURS PROCÉDES D'APPLICATION

(71) PROCYTE CORPORATION [US/US]; 8511 - 154th Avenue Northeast, Redmond, Washington 98052-3557 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PATT, Leonard, M. [US/US]; 12016 - 40th Avenue Northeast, Seattle, Washington 98125 (US).

(74) WAGNER, Emily, W. et al. / etc.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, Washington 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)⁷ C07K 5/12, 1/00, A61K 38/06

(11) WO 2004/087741 (13) A1

(21) PCT/US2004/009085

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,188 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CRYSTALLINE PHASES OF A POTENT HCV INHIBITOR

• PHASES CRISTALLINES D'UN INHIBITEUR PUISSANT DU VHC

(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH [DE/DE]; Binger Str. 173, 55216 Ingelheim (DE).

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(72, 75) CERRETA, Michael, Kenneth [US/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). SMOLIGA, John, Andrew [US/US]; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US). VARSOLONA, Richard, J. [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, Connecticut 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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ C07K 7/00

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(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,305 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PEPTIDES AND MIMETICS FOR REDUCING SYMPTOMS OF TOXIC SHOCK SYNDROME AND SEPTIC SHOCK

• PEPTIDES ET SUBSTANCES MIMÉTIQUES POUR LA DIMINUTION DE SYMPTÔMES DU SYNDROME DE CHOC TOXIQUE ET D'UN CHOC SEPTIQUE

(71) THE ROCKEFELLER UNIVERSITY [US/US]; 1230 York Avenue, New York, NY 10021-6399 (US).

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(72, 75) ZABRISKIE, John, B. [US/US]; 1385 York Avenue, New York, NY 10021 (US). VISVANATHAN, Kumar [AU/AU]; 264 Napier St., Fitzroy, Australia 2065 (AU).

(74) KWON, Evelyn, M.; 345 Park Avenue, New York, NY 10154 (US).

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

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

(51)⁷ C07K 7/06

(11) WO 2004/087743 (13) A2

(21) PCT/IB2004/001018

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,143 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANTI-HYPERTENSIVE MOLECULES AND PROCESS FOR PREPARATION THEREOF

• MOLECULES CONTRE L'HYPERTENSION ET LEUR PROCÉDE DE PRÉPARATION

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg New Delhi 110 001 (IN).

(72) PASHA, Santosh; Institute of Genomics and Integrative Biology, Mall Road, New Delhi 110 007 (IN). PASHA, Qadar; Institute of Genomics and Integrative Biology, Mall Road, New Delhi 110 007 (IN). HANIF, Kashif; Institute of Genomics and Integrative Biology, Mall Road, New Delhi 110 007 (IN). PAVAR, Mahesh, Chand; Institute of Genomics and Integrative Biology, Mall Road, New Delhi 110 007 (IN).

(74) SUBRAMANIAM, Hariharan; Subramaniam, Nataraj & Associates, E-556, Greater Kailash-II, New Delhi 110 048 (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).

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)⁷ C07K 7/08, A61K 38/10, C12N 15/11, G01N 33/50, C12N 15/62, A01K 67/027, C12N 15/10, A61P 25/28

(11) WO 2004/087744 (13) A2

(21) PCT/JP2004/004385

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-092923 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-125681 30 Apr/avr 2003 JP (30.04.2003)

(30) 2003-284559 31 Jul/juil 2003 JP (31.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOSITION AND METHOD FOR NERVE REGENERATION

• COMPOSITION ET METHODE DE REGENERATION NERVEUSE

(71) INTELLECTUAL PROPERTY CONSULTING INC. [JP/JP]; The Imperial Hotel Tower 12F, 1-1-1, Uchisaiwaicho, Chiyoda-ku, Tokyo 1000011 (JP).
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(72, 75) TOHYAMA, Masaya [JP/JP]; 9-3, Shin-senrikitamachi 2-chome, Toyonaka-shi, Osaka 5600081 (JP). YAMASHITA, Toshihide [JP/JP]; 1-8-1, Ihana, Chuo-ku, Chiba-shi, Chiba 2600856 (JP). TANAKA, Hiroyuki [JP/JP]; 2-2, Yamadaoka, Suita-shi, Osaka 5650871 (JP). HIGUCHI, Haruhisa [JP/JP]; 2-2, Yamadaoka, Suita-shi, Osaka 5650871 (JP).

(74) YAMAMOTO, Shusaku et al. / etc.; Crystal Tower 15F, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 5406015 (JP).

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

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

(51)⁷ C07K 7/08, G01N 33/564

(11) WO 2004/087745 (13) A1

(21) PCT/SE2004/000526

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0300958-6 2 Apr/avr 2003 SE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANALYTICAL METHOD AND KIT THEREOF

• PROCEDE ANALYTIQUE ET TROUSSE ASSOCIEE

(71) PHARMACIA DIAGNOSTICS AB [SE/SE]; Uppsala, 751 82 (SE).

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(72, 75) MAHLER, Michael [DE/DE]; Bonnerstrasse, 41468 Neuss 216 (DE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 1344, S-751 43 Uppsala (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)⁷ C07K 14/00

(11) WO 2004/087746 (13) A2

(21) PCT/EP2004/003398

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03450078.5 31 Mar/mar 2003 EP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • S. EPIDERMIDIS ANTIGENS

• ANTIGÈNES S. EPIDERMIDIS

(71) INTERCELL AG [AT/AT]; Campus Vienna Biocenter 6, A-1030 Vienna (AT).

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(74) SONN & PARTNER PATENTAN-WÄLTE; Riemergasse 14, A-1010 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).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C07K 14/00

(11) WO 2004/087747 (13) A2

(21) PCT/IB2004/001056

(22) 29 Mar/mar 2004 (29.03.2004)

(25) it (26) en

(30) TO2003A000246 31 Mar/mar 2003 IT (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL CITRULLINATED SYNTHETIC PEPTIDES AND USES THEREOF

• PEPTIDES SYNTHETIQUES CITRULLINES NOUVEAUX ET LEURS UTILISATIONS

(71) UNIVERSITA' DI PISA [IT/IT]; Lungarno Pacinotti, 43/44, I-56126 Pisa (IT).

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(72, 75) MIGLIORINI, Paola [IT/IT]; Via Po, 1, I-56122 Pisa (IT).

(74) COMOGLIO, Elena et al. / etc.; Jacobacci & 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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ C07K 14/15, A61K 35/00, 48/00

(11) WO 2004/087748 (13) A1

(21) PCT/EP2004/003552

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/459,974 4 Apr/avr 2003 US
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROTEIN WITH FUSOGENIC ACTIVITY, NUCLEIC ACID SEQUENCES ENCODING SAID PROTEIN AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME

• PROTEINE A ACTIVITE FUSOGENE, SEQUENCES D'ACIDES NUCLEIQUES CODANT CETTE PROTEINE ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR). INSTITUT GUSTAVE ROUSSY [FR/FR]; 39, rue Camille Desmoulins, F-94805 Villejuif Cedex (FR).

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(74) GROSSET-FOURNIER, Chantal et al. / etc.; Grosset-Fournier & Demachy SARL, 54, rue Saint-Lazare, 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).

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(51)⁷ C07K 14/285, 16/12, C12N 15/31

(11) WO 2004/087749 (13) A2

(21) PCT/US2004/009021

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/458,234 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NONTYPEABLE HAEMOPHILUS INFLUENZAE VIRULENCE FACTORS

• FACTEUR DE VIRULENCE D'HEMOPHILUS INFLUENZAE NON CLASSIFIABLE EN TYPE

(71) CHILDREN'S HOSPITAL, INC. [US/US]; 700 Children's Drive, Columbus, OH 43205 (US).

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(74) SINTICH, Sharon, M.; Marshall, Gerstein & Borun, LLP, 6300 Sears Tower, 233 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)⁷ C07K 14/31

(11) WO 2004/087750 (13) A2

(21) PCT/IN2004/000077

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,439 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD FOR OXYGEN REGULATED PRODUCTION OF RECOMBINANT STAPHYLOKINASE

• PROCEDE DE PRODUCTION DE STAPHYLOKINASE RECOMBINEE PAR REGULATION D'OXYGENE

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

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(72, 75) RAJAMOCHAN, Govindan [IN/IN]; Institute of Microbial Technology, Sector 39A, Chandigarh 160 036 (IN). DAHIYA, Monika [IN/IN]; Institute of Microbial Technology, Sector 39A, Chandigarh 160 036 (IN). PATHANIA, Ranjana [IN/IN]; Institute of Microbial Technology, Sector 39A, Chandigarh 160 036 (IN). DIKSHIT, Kanak, Lata [IN/IN]; Institute of Microbial Technology, Sector 39A, Chandigarh 160 036 (IN).

(74) BHOLA, Ravi et al. / etc.; K & S PARTNERS, 84-C, C6 LANE OFF CENTRAL AVENUE, SAINIK FARMS, NEW DELHI 110 062 (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 :

(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

(51)⁷ C07K 14/435, C12N 15/12, 15/63, 15/74, 15/79, A01K 67/027, A61K 38/17, 48/00, C12Q 1/68, G01N 33/53

(11) WO 2004/087751 (13) A1

(21) PCT/EP2004/003538

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03007680.6 3 Apr/avr 2003 EP
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DYSTROPHIN-RELATED PROTEIN (DROP1), A MARKER FOR CARCINOMAS

• PROTEINE LIEE A LA DYSTROPHINE (DROP1), MARQUEUR DE CARCINOMES

(71) DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS [DE/DE]; Im Neuenheimer Feld 280, 69120 Heidelberg (DE). RUPRECHT-KARLS-UNIVERSITÄT HEIDELBERG [DE/DE]; Im Neuenheimer Feld 305, 69120 Heidelberg (DE).

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(72, 75) PONSTINGL, Herwig [AT/DE]; Quincestrasse 44a, 69120 Heidelberg (DE). ZIMMERMANN, Hans-Peter [DE/DE]; H.-Schwegler-Strasse 3, 69214 Heidelberg (DE). MOLDENHAUER, Gerhard [DE/DE]; Kepplerstrasse 22, 69120 Heidelberg (DE). MARMÉ, Alexander [DE/DE]; Friedrich-Ebert-Anlage 21, 69117 Heidelberg (DE). BASTERT, Gunther

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(74) SCHÜSSLER, Andrea; PAe Huber & Schüssler, Truderinger Strasse 246, 81825 Munich (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)⁷ C07K 14/47

(11) WO 2004/087752 (13) A2

(21) PCT/EP2004/003606

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,310 4 Apr/avr 2003 US (04.04.2003)

(30) 60/538,831 23 Jan/jan 2004 US (23.01.2004)

(30) 60/550,192 4 Mar/mar 2004 US (04.03.2004)

(30) 60/550,800 5 Mar/mar 2004 US (05.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SPINSTER-LIKE PROTEIN GENES, EXPRESSION PRODUCTS, NON-HUMAN ANIMAL MODEL: USES IN HUMAN METABOLIC DISORDERS

• GENES DE PROTEINES DE TYPE SPINSTER, PRODUITS D'EXPRESSION, MODELE ANIMAL NON HUMAIN : UTILISATIONS DANS LE TRAITEMENT DES TROUBLES METABOLIQUES HUMAINS

(71) INGENIUM PHARMACEUTICALS AG [DE/DE]; Fraunhofer Str. 13, 82152 Martinsried (DE).

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(72, 75) PETERS, Thomas [DE/DE]; Fraunhofer Str. 13, 82152 Martinsried (DE). SCHLÜTER, Volker [DE/DE]; Fraunhofer Str. 13, 82152 Martinsried (DE). GROSSE, Johannes [DE/DE]; Fraunhofer Str. 13, 82152 Martinsried (DE). SCHAUERTE, Heike [DE/DE]; Fraunhofer Str. 13, 82152 Martinsried (DE). MARQUARDT, Andreas [DE/DE]; Fraunhofer Str. 13, 82152 Martinsried (DE).

(74) DÖRRIES FRANK-MOLNIA & POHLMAN; Triftstr. 13, 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).

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)⁷ C07K 14/565, 14/555

(11) WO 2004/087753 (13) A1

(21) PCT/KR2004/000738

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ko (26) en

(30) 10-2003-0019924 31 Mar/mar 2003 KR (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MUTEIN OF HUMAN INTERFERON-BETA AND ITS PREPARATION METHOD

• MUTEINE DE L'INTERFERON BETA HUMAIN ET PROCEDE DE PREPARATION

(71) SAMSUNG FINE CHEMICALS CO., LTD. [KR/KR]; 190, Yeochun-dong, Nam-ku, Ulsan 680-090 (KR).

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(74) KIM, Dong Wan; 649-14, 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 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)⁷ C07K 14/705, A61K 38/17, G01N 33/68

(11) WO 2004/087754 (13) A1

(21) PCT/IL2003/000839

(22) 15 Oct/oct 2003 (15.10.2003)

(25) en (26) en

(30) PCT/IL03/00278 3 Apr/avr 2003 IL (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BROAD-SPECTRUM IN-VIVO EFFECTIVE SUPERANTIGEN TOXIN ANTAGONISTS BASED ON THE INTERACTION BETWEEN CD28 AND THE SUPERANTIGEN AND USES THEREOF

• ANTAGONISTES A LARGE SPECTRE EFFICACES IN VIVO DE LA TOXINE D'UN SUPERANTIGENE REPOSANT SUR L'INTERACTION ENTRE LA MOLECULE CD28 ET LE SUPERANTIGENE, ET UTILISATIONS CORRESPONDANTES

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(74) LUZZATTO, Kfir et al. / etc.; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer Sheva (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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ C07K 14/805

(11) WO 2004/087755 (13) A2

(21) PCT/EP2004/050405

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03075974.0 1 Apr/avr 2003 EP (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PLANT HAEMOGLOBIN

• HEMOGLOBINE VEGETALE

(71) CROPDESIGN N.V. [BE/BE]; Technologiepark 3, B-9052 Zwijnaarde (BE).

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(72, 75) MULET SALORT, Jose Miguel [ES/CH]; Häisingerstrasse 33, CH-4055 Basel (CH). SANZ MOLINERO, Ana Isabel [ES/BE]; Bernheimlaan 38, B-9050 Gentbrugge (BE). SERRANO SALOM, Ramon [ES/ES]; Calle Asturias 22, puerta 2, E-46023 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).

(51)⁷ C07K 16/00

(11) WO 2004/087756 (13) A2

(21) PCT/EP2004/003442

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,837 2 Apr/avr 2003 US (02.04.2003)

(30) 60/463,003 15 Apr/avr 2003 US (15.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANTIBODIES AGAINST INSULIN-LIKE GROWTH FACTOR I RECEPTOR AND USES THEREOF

• ANTICORPS CONTRE LE RECEPTEUR DU FACTEUR DE CROISSANCE 1 ANALOGUE A L'INSULINE ET UTILISATIONS DE CEUX-CI

(71) F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).

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(72, 75) GRAUS, Yvo [NL/NL]; Pienemanstraat 12, NL-6717 WG Ede (NL). KOPETZKI, Erhard [DE/DE]; Kastnerhofstr. 21, 82377 Penzberg (DE). KUENKELE, Klaus-Peter [DE/DE]; Gstaedlstrasse 26a, 82439 Grossweil (DE). MUNDIGL, Olaf [DE/DE]; Tasilorling 16, 82362 Weilheim (DE). PARREN, Paul [NL/NL]; Werdorperwaard 17, NL-3984 PR Odijk (NL). REBERS, Frank [NL/NL]; Normandie 104, NL-3524 RL Utrecht (NL). SCHUMACHER, Ralf [DE/DE]; Hochfeldstrasse 78, 82377 Penzberg (DE). VAN DE WINKEL, Jan [NL/NL]; Verlengde Slotlaan 80, NL-3707 CK Zeist (NL). VAN VUGT, Martine [NL/NL]; Fluweelmos 6, NL-3994 KR Houten (NL).

(74) SCHREINER, Siegfried; Roche Diagnostics GmbH, Patent Department (TR-E), Postfach 11 52, 82372 Penzberg (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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(25) en (26) en

(30) 03290834.5 3 Apr/avr 2003 EP (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THERAPEUTIC PRODUCTS WITH ENHANCED ABILITY TO IMMUNOMODULATE CELL FUNCTIONS

• PRODUITS THERAPEUTIQUES A CAPACITE AMELIOREE D'IMMUNOMODULATION DE FONCTIONS CELLULAIRES

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(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).

(51)⁷ C07K 16/00

(11) WO 2004/087758 (13) A2

(21) PCT/US2004/009354

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,898 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IL 13 RECEPTOR ALPHA 2 ANTIBODY AND METHODS OF USE

• ANTICORPS DU RECEPTEUR ALPHA 2 IL 13 ET PROCEDES D'UTILISATION

(71) NEOPHARM, INC. [US/US]; 150 Field Drive, Suite 195, Lake Forest, IL 60045 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GATELY, Stephen, T. [CA/US]; 357 E. Shady Pines Court, Palatine, IL 60067 (US). WANASKI, Stephen, P. [US/US]; 1301 West Fletcher, suite 503, Chicago, IL 60657 (US).

(74) HEFNER, M., Daniel et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North 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)⁷ C07K 16/00

(11) WO 2004/087759 (13) A2

(21) PCT/US2004/009630

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,468 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND COMPOSITIONS FOR CONVERSION OF ANTIBODY ACTIVITY

• METHODES ET COMPOSITIONS POUR UNE CONVERSION D'UNE ACTIVITE D'ANTICORPS

(71) ELUSYS THERAPEUTICS, INC. [US/US]; 10 Bloomfield Avenue, Pine Brook, NJ 07058 (US).

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(72, 75) MOHAMED, Nehal [IN/—]SPI-TALNY, George, L. [US/US]; 10 Bloomfield Avenue, Pine Brook, NJ 07058 (US). CASEY, Leslie, S. [US/—]

(74) WILLIAMS, Megan, E., 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)⁷ C07K 16/10, 16/00, 14/18, C12N 5/20,
7/00, A61K 39/42, G01N 33/576, A61K
39/29

(11) WO 2004/087760 (13) A1

(21) PCT/EP2004/003412

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03 290 822.0 1 Apr/avr 2003 EP
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANTIBODIES DIRECTED AGAINST
HEPATITIS C VIRUS E1E2 COMPLEX,
COMPOSITIONS OF HCV PARTICLES,
AND PHARMACEUTICAL COMPOS-
ITIONS

• ANTICORPS DIRIGES CONTRE LE
VIRUS DE L'HEPATITE C, COMPLEXE
E1E2, COMPOSITIONS DE PARTI-
CULES DU VIRUS DE L'HEPATITE C
ET COMPOSITIONS PHARMACEU-
TIQUES

(71) INSERM (INSTITUT NATIONAL DE
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MEDICALE) [FR/FR]; 101, rue de
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(72, 75) PETIT, Marie-Anne [FR/FR]; 65, rue
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(74) GROSSET-FOURNIER, Chantal et al. /
etc.; Grosset-Fournier & Demachy Sàrl, 54,
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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)⁷ C07K 16/18, 1/18, 1/20, 1/22, 1/36

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(21) PCT/JP2004/003425

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-097407 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PURIFICATION OF HUMAN MONO-
CLONAL ANTIBODY AND HUMAN
POLYCLONAL ANTIBODY

• PURIFICATION D'UN ANTICORPS
MONOCLONAL HUMAIN ET D'UN
ANTICORPS POLYCLONAL HUMAIN

(71) KIRIN BEER KABUSHIKI KAISHA
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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)⁷ C07K 16/18, A61K 39/395, A61P 35/00,
43/00, C12P 21/08, C12N 15/00

(11) WO 2004/087762 (13) A1

(21) PCT/JP2004/004331

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) PCT/JP03/03975 28 Mar/mar 2003 JP
(28.03.2003)

(30) 2003-110898 15 Apr/avr 2003 JP
(15.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANTIBODIES INHIBITING TANS-
PORTATION ACTIVITY OF PEPTIDE
TRANSPORTER

• ANTICORPS INHIBANT L'ACTIVITE
DE TRANSPORT D'UN TRANSPOR-
TEUR PEPTIDIQUE

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(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu
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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)⁷ C07K 16/28, C12N 15/62, A61K 39/395,
A61P 1/04, 1/16, 3/10, 5/14, 7/00, 7/04, 7/06,
11/06, 15/08, 17/00, 17/06, 21/04, 25/00,
27/02, 29/00, 35/00, 35/02, 37/02, 43/00

(11) WO 2004/087763 (13) A1

(21) PCT/JP2004/004696

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-096950 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MODIFIED ANTIBODY AGAINST
CD22 AND UTILIZATION THEREOF

• ANTICORPS MODIFIE DIRIGE
CONTRE CD22 ET SON UTILISA-
TION

(71) CHUGAI SEIYAKU KABUSHIKI
KAISHA [JP/JP]; 5-1, Ukima 5-chome,
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les États désignés sauf US)

(72, 75) TSUCHIYA, Masayuki [JP/JP]; c/o
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412-0038 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu
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Tsuchiura-shi, Ibaraki 300-0847 (JP).

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

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

- DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
- (51)⁷ C07K 16/44, C12N 15/13, 1/21, 1/19, 1/15,
5/10, C12P 21/08, G01N 33/53, 33/577
- (11) WO 2004/087764 (13) A1
(21) PCT/JP2004/004355
(22) 26 Mar/mar 2004 (26.03.2004)
(25) ja (26) ja
(30) 2003-091663 28 Mar/mar 2003 JP
(28.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • RECOMBINANT ANTIBODY RECOGNIZING DIOXIN AND GENE ENCODING THE ANTIBODY
• ANTICORPS RECOMBINE RECONNAISSANT LA DIOXINE ET GENE CODANT CET ANTICORPS
(71) KYOTO ELECTRONICS MANUFACTURING CO., LTD. [JP/JP]; 68, Ninodan-cho, Shinden, Kisshouin, Minami-ku, Kyoto-shi, Kyoto 6018317 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SAWADAISHI, Kazuyuki [JP/JP]; c/o Kyoto Electronics Manufacturing Co., Ltd., 68, Ninodan-cho, Shinden, Kisshouin, Minami-ku, Kyoto-shi, Kyoto 6018317 (JP). HIGANO, Keiichi [JP/JP]; c/o Kyoto Electronics Manufacturing Co., Ltd., 68, Ninodan-cho, Shinden, Kisshouin, Minami-ku, Kyoto-shi, Kyoto 6018317 (JP). KATAOKA, Chiwa [JP/JP]; c/o Kyoto Electronics Manufacturing Co., Ltd., 68, Ninodan-cho, Shinden, Kisshouin, Minami-ku, Kyoto-shi, Kyoto 6018317 (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 VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (43) 14 Oct/oct 2004 (14.10.2004)
(54) • TITANIUM DIOXIDE COMPLEX HAVING MOLECULE DISTINGUISHABILITY
• COMPLEXE DE DIOXYDE DE TITANE AYANT UNE MOLECULE RECONNAISSABLE
(71) TOTO LTD. [JP/JP]; 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SONEZAKI, Shuji [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). KANEHIRA, Koki [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). YAGI, Shinichi [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). OGAMI, Yumi [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ C07K 19/00, C12N 15/62
(11) WO 2004/087766 (13) A2
(21) PCT/IB2004/001049
(22) 5 Apr/avr 2004 (05.04.2004)
(25) en (26) en
(30) 60/460,490 4 Apr/avr 2003 US
(04.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • PEPTABODY FOR CANCER TREATMENT
• PEPTABODY POUR LE TRAITEMENT DU CANCER
(71) UNIVERSITE DE LAUSANNE [CH/CH]; Rue du Bugnon 21, CH-1005 Lausanne (CH).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DEPERTHES, David [FR/CH]; Chemin de Varmey 15A, CH-1299 Crans-Pres-Celigny (CH). CLOUTIER, Sylvain [CA/CH]; Chemin de Boissonnet 63, CH-1010 Lausanne (CH). MACH, Jean-Pierre [CH/CH]; Avenue de Valmont 18, CH-1010 Lausanne (CH). HOLLER, Nils [DE/CH]; Sunnhale 6, CH-3271 Radelfingen b. Aarberg (CH). FATTAH, Omar [LB/CH]; Grand-rue 9, CH-1183 Bursins (CH).
(74) KATZAROV S.A.; 19, rue des Epinettes, CH-1227 Genève (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 VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07K 19/00, 5/068, 5/11, 7/06, 7/08, 14/315, A61K 39/09, A61P 31/12
(11) WO 2004/087767 (13) A1
(21) PCT/JP2004/004460
(22) 29 Mar/mar 2004 (29.03.2004)
(25) ja (26) ja
(30) 2003-93243 31 Mar/mar 2003 JP
(31.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • POLYPEPTIDE
• POLYPEPTIDE
(71) KABUSHIKI KAISHA HAYASHIBARA SEIBUTSU KAKAKU KENKYUJO [JP/JP]; 2-3, Shimoishii 1-chome, Okayama-shi, Okayama 700-0907 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) NISHIZAWA, Toshiaki [JP/JP]; 1472-5, Koyama 3-chome, Nerima-ku, Tokyo 176-0022 (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 VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C08B 37/16, A61K 47/48, 31/724
(11) WO 2004/087768 (13) A1
(21) PCT/FR2004/000691
(22) 22 Mar/mar 2004 (22.03.2004)
(25) fr (26) fr
(30) 03/03899 28 Mar/mar 2003 FR
(28.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • NOVEL CYCLODEXTRIN DERIVATIVES, METHOD FOR THE PREPARATION THEREOF AND USE THEREOF FOR THE SOLUBILIZATION OF

PHARMACOLOGICALLY ACTIVE SUBSTANCES

- NOUVEAUX DERIVES DE CYCLODEXTRINES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION NOTAMMENT POUR LA SOLUBILISATION DE SUBSTANCES PHARMACOLOGIQUEMENT ACTIVES

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). UNIVERSITE JOSEPH FOURIER [FR/FR]; 621, avenue Centrale, Domaine universitaire, F-38400 Saint-Martin D'Heres (FR). CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC) [ES/ES]; Serrano, 117, E-28006 Madrid (ES). UNIVERSIDAD DE SEVILLA [ES/ES]; Valparaíso, 5, E-41013 Seville (ES).

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

(72, 75) DEFAYE, Jacques [FR/FR]; 202, chemin du Vercors, F-38330 Saint-Ismier (FR). ORTIZ-MELLET, Carmen [ES/ES]; Monte Carmelo 71, 3D, E-41011 Seville (ES). GARCIA-FERNANDEZ, José Manuel [ES/ES]; Monte Carmelo 71, 3D, E-41011 Seville (ES). GOMEZ-GARCIA, Maria [ES/ES]; Avenida Sanchez Pizjuan 27, 6A, E-41009 Seville (ES). CHMURSKI, Kazimierz [PL/PL]; U1. Schroegera 23, P-01-822 Varsovie (PL). YU, Jian-Xin [CN/US]; 3525 Normandy Avenue, Apt.11, Dallas, TX 75205-2292 (US).

(74) GROSSET-FOURNIER, Chantal, Catherine et al. / etc.; Grosset-Fournier & Demachy Sarl, 54, rue Saint-Lazare, 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).

Published / Publiée : (c)

(51)⁷ C08F 2/26, C09J 133/06

(11) WO 2004/087769 (13) A1

(21) PCT/EP2004/003546

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03007782.0 4 Apr/avr 2003 EP (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • EMULSIFIER MIXTURE
- MELANGE D'EMULSIFIANTS

(71) UCB, S.A. [BE/BE]; Allée de la Recherche 60, B-1070 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN ES, Steven [BE/BE]; Boulevard Gustave Kleyer 31, B-4000 Liège (BE). DUPONT, Olivier [BE/BE]; Rue des Tombes Romaines 15, B-1450 Chastre (BE).

(74) KIRK, Martin; UCB, S.A., Allée de la Recherche 60, B-1070 Brussels (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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ C08F 10/00, 4/642, C08L 23/16

(11) WO 2004/087770 (13) A1

(21) PCT/KR2004/000660

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10-2003-0020428 1 Apr/avr 2003 KR (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SUPPORTED HYBRID METAL-LOCENE CATALYST, METHOD FOR PREPARING THE SAME, AND METHOD FOR PREPARING POLY-OLEFIN USING THE SAME

- CATALYSEUR METALLOCENE HYBRIDE SUPPORTE, PROCEDE DE FABRICATION DUDIT CATALYSEUR ET PROCEDE D'OBTENTION D'UNE POLYOLEFINE AU MOYEN DE CE CATALYSEUR

(71) LG CHEM LTD. [KR/KR]; LG Twin Tower, Yoido-dong 20, Youngdungpo-ku, Seoul 150-721 (KR).

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

(72, 75) LEE, Ki-Soo [KR/KR]; 501-507 Gukhwa apt., 991 Samcheon-dong, Seo-gu, Daejeon-city 302-782 (KR). LEE, Hyo-Sun [KR/KR]; 203-204 Daewoogumnamu apt., Dunsan 2-dong, Seo-gu, Daejeon-city 302-122 (KR). LEE, Eun-Jung [KR/KR]; 130-1201 Sk apt., Mia 7-dong, Gangbuk-gu, Seoul 142-107 (KR). LEE, Sang-Woo [KR/KR]; 104-1102 Mugunghwa apt., Wolpyeong-dong, Seo-gu, Daejeon-city 302-280 (KR). LEE, Choong-Hoon [KR/KR]; 3-401 LG Chemical Dormitory, Doryong-dong, Yuseong-gu, Daejeon-city 305-340 (KR).

(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ C08F 10/00, 4/651, 4/649

(11) WO 2004/087771 (13) A1

(21) PCT/US2004/008888

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,657 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • OLEFIN POLYMERISATION CATALYST CONTAINING A CYCLOALKANE DICARBOXYLATE AS ELECTRON DONOR

- CATALYSEUR DE POLYMERISATION D'OLEFINE CONTENANT DU CYCLOALKANE DICARBOXYLATE COMME DONNEUR D'ELECTRONS

(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) ERNST, Andreas, B.; 685 Lakeridge Drive, South Elgin, IL 60177 (US). STREEKY, Jerome, A.; 155 Ashcroft Drive, Bolingbrook, IL 60490 (US). OLIVER, Wallace, L.; 110 Broadway Avenue, Wilmette, IL 60091 (US).

(74) GALLOWAY, Norval, B.; 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).

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)⁷ C08F 10/02, C08G 67/02, C08F 2/20

(11) WO 2004/087772 (13) A1

(21) PCT/EP2004/003344

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 15 094.3 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR PRODUCING AN AQUEOUS POLYMER DISPERSION USING A WATER-INSOLUBLE POLYMERISATION CATALYST
- PROCEDE DE PRODUCTION D'UNE DISPERSION POLYMERIQUE AQUEUSE A L'AIDE D'UN CATALYSEUR DE POLYMERISATION INSOLUBLE DANS L'EAU

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMID, Markus [DE/DE]; Tramin-
erweg 2, 67146 Deidesheim (DE).
CHOWDHRY, Mubarik, Mahmood
[GB/FR]; 2, Place des Bateliers, F-67000
Strasbourg (FR). PREISHUBER-PFLÜGL,
Peter [AT/DE]; Otto-Dill-Strasse 39, 67061
Ludwigshafen (DE). SAVA, Xavier [FR/DE];
N3,3, 68161 Mannheim (DE). WEISS, Horst
[DE/DE]; Woogstrasse 30, 67141 Neuhofen
(DE). MECKING, Stefan [DE/DE]; Auf
der Bleiche 6, 79110 Freiburg (DE). KOLB,
Ludmila [DE/DE]; Brudertalstrasse 17,
77933 Lahr (DE). ZUIDVELD, Martin
[NL/NL]; Op de vey 64/66, NL-6165 CD
Geleen (NL).

(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)⁷ C08F 16/00, 8/00, C08L 29/00, G03F 7/40

(11) WO 2004/087773 (13) A1

(21) PCT/JP2004/003650

(22) 18 Mar/mar 2004 (18.03.2004)

(25) ja (26) ja

(30) 2003-090376 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • AUXILIARY FOR FORMING FINE PAT-
TERN AND PROCESS FOR PRODUC-
ING THE SAME

- ELEMENT AUXILIAIRE DE FORMA-
TION D'UN MOTIF FIN ET PROCEDE
DE PRODUCTION DE CELUI-CI

(71) CLARIANT INTERNATIONAL LTD.
[CH/CH]; Rothausstrasse 61, CH-4132 Mut-
tenz 1 (CH).

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

(72, 75) NISHIKAWA, Masato [JP/JP]; c/o
Clariant(Japan)K.K., 3810, Chihama, Daito-
cho, Ogasa-gun, Shizuoka 437-1496 (JP).
TAKAHASHI, Kiyohisa [JP/JP]; c/o Clari-
ant(Japan)K.K., 3810, Chihama, Daitocho,
Ogasa-gun, Shizuoka 437-1496 (JP).

(74) KANAO, Hiroki et al. / etc.; Mutsumi
International Patent Bureau Chiyada Office,
Bandai Bldg., 2nd Floor, 10-14, Kandaawaji-
cho 2-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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

(51)⁷ C08F 20/00, C07F 11/00

(11) WO 2004/087774 (13) A1

(21) PCT/EP2004/003489

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 14 992.9 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • IMIDO TRANSITION METAL
COMPLEX CATALYSTS USED
FOR HOMOPOLYMERIZING AND
COPOLYMERIZING VINYL ESTERS;
POLYVINYL ESTERS, POLYVINYL
ALCOHOLS, POLYVINYL ESTER
COPOLYMERS, AND POLYVINYL AL-
COHOL COPOLYMERS

- CATALYSEURS COMPLEXES METAL-
LIQUES DE TRANSITION IMIDO
POUR LA COPOLYMERISATION
ET L'HOMOPOLYMERISATION
D'ESTERS DE VINYLE ; ESTERS
POLYVINyliques, ALCOOLS PO-
LYVINyliques, COPOLYMERES
D'ESTERS POLYVINyliques ET
COPOLYMERES D'ALCOOLS PO-
LYVINyliques

(71) CELANESE VENTURES GMBH
[DE/DE]; 65926 Frankfurt (DE).

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

(72, 75) SCHULTE, Jörg, Ludwig [DE/DE];
Konrad-Brosswitz-Str. 32, 60487 Frank-
furt (DE). SCHOTTEK, Jörg [DE/DE];

Ginnheimerstr. 39d, 60487 Frankfurt (DE).
DICKNER, Tim [DE/DE]; Solmsstrasse
77, 60486 Frankfurt (DE). WILTSCHKA,
Werner [DE/DE]; Gagering 2a, 65779
Kelkheim (DE).

(74) DÖRR, Klaus et al. / etc.; Industriepark
Höchst, Geb. F 821, 65926 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).

Published / Publiée : (c)

(51)⁷ C08F 210/06, C08L 23/10, C08J 5/18,
C07C 17/00, C08F 4/64, B32B 27/32 //
(C08F 210/06, 210:08), C07F 7/00

(11) WO 2004/087775 (13) A1

(21) PCT/JP2003/016972

(22) 26 Dec/déc 2003 (26.12.2003)

(25) ja (26) ja

(30) 2003-90161 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PROPYLENE COPOLYMER,
POLYPROPYLENE COMPOSITION,
USE THEREOF, TRANSITION METAL
COMPOUNDS, AND CATALYSTS FOR
OLEFIN POLYMERIZATION

- COPOLYMERES DE PROPYLENE,
COMPOSITION DE POLYPROPYLENE,
UTILISATION DE CEUX-CI,
COMPOSES DE METAUX DE TRANSI-
TION ET CATALYSEURS DESTINES A
UNE POLYMERISATION OLEFINIQUE

(71) MITSUI CHEMICALS, INC. [JP/JP];
1-5-2, Higashi-Shimbashi, Minato-ku, Tokyo
105-7117 (JP).

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

(72, 75) IKENAGA, Shigenobu [JP/JP]; c/o
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SUI CHEMICALS, INC., 580-32, Na-
gaura, Sodegaura-shi, Chiba 299-0265 (JP).
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SUI CHEMICALS, INC., 3, Chigusaigaan,
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Norihide [JP/JP]; c/o MITSUI CHEMI-
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Chiba 299-0108 (JP). HIROTA, Nari-
toshi [JP/JP]; c/o MITSUI CHEMICALS,
INC., 580-32, Nagaura, Sodegaura-shi,
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INC., 580-32, Nagaura, Sodegaura-shi,
Chiba 299-0265 (JP). FUNAYA, Munehito
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299-0265 (JP). KAWAI, Koji [JP/JP]; c/o

- MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **KAWAHARA, Nobuo** [JP/JP]; c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **KOJOH, Shinichi** [JP/JP]; c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **KASHIWA, Norio** [JP/JP]; c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). **MORI, Ryoji** [JP/JP]; c/o MITSUI CHEMICALS, INC., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP).
- (74) **SUZUKI, Shunichiro**; S.Suzuki & Associates, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (JP).
- (81) AU CN JP KR SG US.
- (84) EP (BE DE FR GB IT).
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- (51)⁷ C08F 210/16, 2/00, 2/38
- (11) WO 2004/087776 (13) A1
- (21) PCT/EP2004/003452
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 103 15 349.7 3 Apr/avr 2003 DE (03.04.2003)
- (30) 60/469,192 9 May/mai 2003 US (09.05.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PREPARATION OF POLYOLEFINS HAVING HIGH MOLECULAR WEIGHTS IN THE PRESENCE OF AN ORGANIC TRANSITION METAL COMPOUND IN A GAS-PHASE FLUIDIZED-BED REACTOR
- PREPARATION DE POLYOLEFINES DE HAUT POIDS MOLECULAIRE EN PRESENCE D'UN COMPOSE DE METAL DE TRANSITION ORGANIQUE DANS UN REACTEUR A LIT FLUIDISE EN PHASE GAZEUSE
- (71) **BASELL POLYOLEFINE GMBH** [DE/DE]; Brühlstrasse 60, 50389 Wesseling, Germany (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KÖPPL, Alexander** [DE/DE]; Mühlweg 49, 67117 Limburgerhof (DE). **KARER, Rainer** [DE/DE]; Oskar-Schlemmer-Ring 48, 67657 Kaiserslautern (DE). **NIEKEN, Ulrich** [DE/DE]; Akazienweg 7, 67434 Neustadt a.d. Weinstrasse (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)⁷ C08F 220/36, 220/58, C08G 61/02, 73/02
- (11) WO 2004/087777 (13) A2
- (21) PCT/US2004/009905
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/458,784 28 Mar/mar 2003 US (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DEGRADABLE POLYMERS
- POLYMERES DÉGRADABLES
- (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) **MATYJASZEWSKI, Krzysztof** [US/US]; **CHUNG, Im, SikHUANG, JinyuSARBU, TraianSIEGWART, Daniel, J.SPANSWICK, James** [US/US]; **TSAREVSKY, Nicolay, V.**
- (74) **PIKE, Bernard, G. 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C08F 292/00, C09D 151/10, 7/12
- (11) WO 2004/087778 (13) A1
- (21) PCT/US2004/009094
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 10/400,955 27 Mar/mar 2003 US (27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • POLYMERIZABLE MODIFIED PARTICLES AND METHODS OF USING THE SAME
- PARTICULES MODIFIEES POLYMERISABLES ET LEURS PROCEDES D'UTILISATION
- (71) **PPG INDUSTRIES OHIO INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
- (72) **WHITE, Daniela**; 494 Woodland Road, Pittsburgh, PA 15237 (US). **EISAMAN, Heather, L.**; 445 South Braddock Avenue, Pittsburgh, PA 15221 (US). **SCHNEIDER, John, R.**; 306 Laurelwood Drive, Glenshaw, PA 15116 (US).
- (74) **MEYERS, Diane, R. et al. / etc.**; PPG Industries, Inc., One PPG Place, 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ C08G 18/08, 18/28, 18/12
- (11) WO 2004/087779 (13) A1
- (21) PCT/EP2004/003480
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) de (26) de
- (30) 103 15 175.3 3 Apr/avr 2003 DE (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ELECTROSTERICALLY STABILIZED AQUEOUS POLYURETHANE RESINS, METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF
- RESINES POLYURETHANES AQUEUSES A STABILISATION ELECTROSTERIQUE, LEURS PROCEDES DE PRODUCTION ET LEUR UTILISATION
- (71) **CONSTRUCTION RESEARCH & TECHNOLOGY GMBH** [DE/DE]; Dr.-Albert-Frank-Strasse 32, 83308 Trostberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STEIDL, Norbert** [DE/DE]; Am Laberger Feld, 83361 Kienberg (DE). **MAIER, Alois** [DE/DE]; Maderlechner Strasse 7, 84549 Engelsberg (DE). **WOLFERTSTETTER, Franz** [DE/DE]; Polsing 2, 83349 Palling (DE). **HUBER, Christian** [DE/DE]; Söldenhofstrasse 16, 83308 Trostberg (DE). **RASPL, Sascha** [DE/DE]; Hangstrasse 13, 84518 Garching (DE).
- (74) **WEICKMANN, Franz, Albert et al. / etc.**; Weickmann & Weickmann, Postfach 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁶ C08G 59/40, C08L 63/00, C09D 163/00
- (11) WO 2004/087780 (13) A1
- (21) PCT/JP1997/000647

(22) 4 Mar/mar 1997 (04.03.1997)

(25) ja (26) ja

(30) 8/46185 4 Mar/mar 1996 JP
(04.03.1996)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THERMOSETTING COMPOSITION,
COATING COMPOSITION, PROCESS
FOR THE APPLICATION THEREOF,
AND ARTICLES COATED THERE-
WITH• COMPOSITION THERMODURCIS-
SABLE, COMPOSITION DE REVETE-
MENT, PROCEDE D'APPLICATION
CORRESPONDANT ET ARTICLES
RECOUVERTS DE CETTE COMPOSI-
TION(71, 72) YAMAMOTO, Toshio [JP/JP]; * (JP).
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oda-ku, Tokyo 102 (JP).

(81) US.

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(29.08.2000), 6111044(51)⁷ C08G 61/00, 73/00, C09K 11/06, H05B
33/14

(11) WO 2004/087781 (13) A1

(21) PCT/JP2004/004431

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-094088 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POLYMER AND POLYMER LIGHT-
EMITTING DEVICE USING SAME• POLYMERE ET DISPOSITIF ELEC-
TROLUMINESCENT A POLYMERE
UTILISANT LEDIT POLYMERE(71) SUMITOMO CHEMICAL COMPANY
LIMITED [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku Osaka-shi Osaka, 5418550 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) OKADA, Akihiko [JP/JP]; 1-33-11,
Matsushiro, Tsukuba-shi Ibaraki, 3050035
(JP). SUZUKI, Tomoyuki [JP/JP]; 2-40-1-
511, Kasuga, Tsukuba-shi Ibaraki, 3050821
(JP). NAKAJIMA, Hideaki [JP/JP];
2-13-1-5-203, Umezono, Tsukuba-shi
Ibaraki, 3050045 (JP).(74) ENOMOTO, Masayuki et al. / etc.; c/o
Sumitomo Chemical Intellectual Property
Service Limited 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka, 5418550 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY 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)⁷ C08G 61/10, 61/02

(11) WO 2004/087782 (13) A1

(21) PCT/IN2003/000099

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COPOLYMER OF BENZINE AND SUB-
STITUTED BENZENE• COPOLYMERE DE BENZENE ET DE
BENZENE SUBSTITUE(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001, Maharashtra (IN).(72) DHAWAN, Sundeep, Kumar; National
Physical Laboratory, Dr. K. S. Krishnan
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012, Maharashtra (IN). BAWA, Sukhwant,
Singh; National Physical Laboratory, Dr.
K. S. Krishnan Marg, New Delhi 110 012,
Maharashtra (IN).(74) SUBRAMANIAM, Hariharan et al. / etc.;
Subramaniam, Nataraj & Associates, E-556,
Greater Kailash II, New Delhi 110 048, Ma-
harashtra (IN).(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 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).(51)⁷ C08G 63/08, 63/90

(11) WO 2004/087783 (13) A1

(21) PCT/JP2004/004436

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-96154 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LACTONE POLYESTER POLYOLS
AND PROCESS FOR PRODUCTION
THEREOF• POLYESTER POLYOLS DE LACTONE
ET PROCEDE DE PRODUCTION(71) DAICEL CHEMICAL INDUSTRIES,
LTD. [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka
590-0905 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ENDO, Toshio [JP/JP]; 13-5, Kuba
4-chome, Otake-shi, Hiroshima 739-0651
(JP). NAKAMOTO, Masanobu [JP/JP];8-37, Nishimi 5-chome, Iwakuni-shi, Yam-
aguchi 741-0061 (JP).(74) MIURA, Yoshikazu; Kurosusaido Koji-
machi, 4, Kojimachi 5-chome, Chiyoda-ku,
Tokyo 102-0083 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C08G 63/80

(11) WO 2004/087784 (13) A1

(21) PCT/EP2004/001110

(22) 6 Feb/fév 2004 (06.02.2004)

(25) de (26) de

(30) 103 14 991.0 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR INCREASING THE
MOLECULAR WEIGHT OF A POLY-
MER GRANULATE• PROCEDE POUR AUGMENTER LE
POIDS MOLECULAIRE D'UN GRA-
NULE POLYMERE(71) ZIMMER AG [DE/DE]; Borsigallee 1,
60388 Frankfurt am Main (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KIRSTEN, Klaus [DE/DE]; Gustavs-
burger Weg 22, 55130 Mainz (DE). STÖHR,
Michael [DE/DE]; Gerhart-Hauptmann-Ring
248, 60439 Frankfurt am Main (DE).(74) GRÜNECKER, KINKELDEY, STOCK-
MAIR & SCHWANHÄUSSER; Maximil-
ianstrasse 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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ C08G 64/14, 64/16, 64/02, C07D 311/60,
311/64

(11) WO 2004/087785 (13) A1

(21) PCT/EP2004/002952

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de
(30) 103 15 290.3 **4 Apr/avr 2003** DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ULTRA-RAMIFIED POLYCARBONATES AND COPOLYCARBONATES EXHIBITING AN IMPROVED FLOW CHARACTERISTICS, THE PRODUCTION AND USE THEREOF

• POLYCARBONATES ET COPOLYCARBONATES ULTRA-RAMIFIES PRESENTANT UN MEILLEUR FACTEUR D'ÉCOULEMENT, FABRICATION ET UTILISATION

(71) BAYER MATERIALSCIENCE AG [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEUER, Helmut-Werner [DE/DE]; Kastanienstr. 7, 47829 Krefeld (DE). WEHRMANN, Rolf [DE/DE]; Scheiblerstr. 101, 47800 Krefeld (DE). ERKELENZ, Michael [DE/DE]; Ringstr. 23, 47239 Duisburg (DE).

(74) BAYER MATERIALSCIENCE AG; 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).

Published / Publiée : (c)

(51)⁷ C08G 65/20

(11) WO 2004/087786 (13) A1

(21) PCT/EP2004/003336

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 14 648.2 **1 Apr/avr 2003** DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING TETRAHYDROFURAN COPOLYMERS

• PROCEDE DE PRODUCTION DE COPOLYMERES DE TETRAHYDROFURANE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAUBNER, Martin [DE/DE]; Hintere Liesgawann 24/8, 69124 Eppelheim (DE). PINKOS, Rolf [DE/DE]; Birkental 3a, 67098 Bad Dürkheim (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).

(51)⁷ C08G 65/20

(11) WO 2004/087787 (13) A2

(21) PCT/EP2004/003345

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 14 649.0 **1 Apr/avr 2003** DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE PRODUCTION OF TETRAHYDROFURAN COPOLYMERS

• PROCEDE DE PRODUCTION DE COPOLYMERES DE TETRAHYDROFURANE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAUBNER, Martin [DE/DE]; Jenner Strasse 10, 69124 Eppelheim (DE). PINKOS, Rolf [DE/DE]; Birkental 3a, 67098 Bad Dürkheim (DE). SCHLITTER, Stephan [DE/DE]; Mainstrasse 2, 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).

(51)⁷ C08G 65/26, 64/34

(11) WO 2004/087788 (13) A1

(21) PCT/EP2003/011504

(22) 17 Oct/oct 2003 (17.10.2003)

(25) en (26) en

(30) 10/403,197 **31 Mar/mar 2003** US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FORMATION OF POLYMER POLYOLS WITH A NARROW POLYDISPERSITY USING DOUBLE METAL CYANIDE (DMC) CATALYSTS

• FORMATION DE POLYOLS POLYMERIQUES A POLYDIVERSITE ETROITE AU MOYEN DE CATALYSEURS AU CYANURE BIMETALLIQUE

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(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)⁷ C08G 65/26, 65/28, C11D 1/72

(11) WO 2004/087789 (13) A2

(21) PCT/EP2004/003365

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 14 562.1 **31 Mar/mar 2003** DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING A POLYETHER COMPOUND

• PROCEDE DE FABRICATION D'UNE COMPOSITION DE POLYETHER

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (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)⁷ C08G 65/32, 65/28, C07C 69/00, C08F
20/00
- (11) WO 2004/087790 (13) A2
- (21) PCT/EP2004/003551
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) de (26) de
- (30) 103 15 345.4 3 Apr/avr 2003 DE
(03.04.2003)
- (30) 103 15 669.0 4 Apr/avr 2003 DE
(04.04.2003)
- (30) PCT/EP03/05953 6 Jun/juin 2003 EP
(06.06.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MIXTURES OF POLYALKOXY-
LATED TRIMETHYLOLPROPANE
(METH)ACRYLATE
• MELANGES D'ESTERS (METH)ACRY-
LIQUES DE TRIMETHYLOLPROPANE
POLYALKOXYLE
- (71) BASF AKTIENGESELLSCHAFT
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- (74) BASF AKTIENGESELLSCHAFT; 67056
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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).

- (51)⁷ C08G 67/00, 65/00
- (11) WO 2004/087791 (13) A1
- (21) PCT/JP2004/003157
- (22) 10 Mar/mar 2004 (10.03.2004)
- (25) ja (26) ja
- (30) 2003-095858 31 Mar/mar 2003 JP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DECOMPOSABLE POLYMER AND
METHOD FOR PRODUCING SAME
• POLYMERE DECOMPOSABLE ET
SON PROCEDE DE PRODUCTION
- (71) JAPAN SCIENCE AND TECHNOLOGY
AGENCY [JP/JP]; 1-8, Hon-cho 4-chome,
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- (72, 75) MATSUMOTO, Akikazu
- (74) HARA, Kenzo; Harakenzo World Patent
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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)⁷ C08G 73/10, C08J 7/12, G02B 6/44, G01D
5/26
- (11) WO 2004/087792 (13) A2
- (21) PCT/IB2004/050374
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 2003/2539 1 Apr/avr 2003 ZA
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SURFACE OXYFLUORINATED
POLYIMIDE, SUBSTRATES COATED
THEREWITH AND COMPOSITE MA-
TERIAL INCORPORATING IT
• POLYIMIDE OXYFLUORE EN SUR-
FACE, SUBSTRATS REVETUS DE CE
DERNIER ET MATERIAU COMPOSITE
LE RENFERMANT
- (71) RAND AFRIKAANS UNIVERSITY
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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)⁷ C08G 73/10, G03F 7/039, 7/037
- (11) WO 2004/087793 (13) A1
- (21) PCT/JP2004/004305
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-090546 28 Mar/mar 2003 JP
(28.03.2003)
- (30) 2003-112425 17 Apr/avr 2003 JP
(17.04.2003)
- (30) 2003-412832 11 Dec/déc 2003 JP
(11.12.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CROSSLINKED POLYIMIDE, COM-
POSITION COMPRISING THE SAME
AND METHOD FOR PRODUCING THE
SAME
• POLYIMIDE RETICULE, COMPOSI-
TION COMPRENANT CE POLYIMIDE
ET PROCEDE PERMETTANT SA PRO-
DUCTION
- (71) PI R & D CO. LTD. [JP/JP]; 12-5, Tori-
hamacho, Kanazawa-ku, Yokohama-shi,
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- (72, 75) ITATANI, Hiroshi [JP/JP]; c/o PI
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- (74) TANIGAWA, Hidejiro; c/o TANIGAWA
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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)⁷ C08J 3/12, 3/28, C08L 21/00, C08K 3/18

(11) WO 2004/087794 (13) A1

(21) PCT/CN2004/000309

(22) 5 Apr/avr 2004 (05.04.2004)

(25) zh (26) zh

(30) 03109108.3 3 Apr/avr 2003 CN
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOUND POWDER, ITS PREPARA-
TION METHOD AND USE

• POUDRE COMPOSITE, SON PROCEDE
DE PREPARATION ET SON UTILISA-
TION

(71) CHINA PETROLEUM & CHEMICAL
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(72, 75) LIU, Yiqun [CN/CN]; No.14 Beisan-
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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)⁷ C08J 5/18, B42D 15/00, G02B 1/08, 5/30

(11) WO 2004/087795 (13) A1

(21) PCT/EP2004/003549

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en

(26) en

(30) 0307615.5 2 Apr/avr 2003 GB
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTHENTICATION MEANS

• ELEMENT D'AUTHENTIFICATION

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(74) KIRK, Martin; UCB, S.A., Allée de la
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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)⁷ C08J 5/18, C08F 297/00, 293/00

(11) WO 2004/087796 (13) A1

(21) PCT/FR2004/000713

(22) 23 Mar/mar 2004 (23.03.2004)

(25) fr

(26) fr

(30) 03/03681 26 Mar/mar 2003 FR
(26.03.2003)

(30) 03/11174 24 Sep/sep 2003 FR
(24.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL METHOD FOR THE SYN-
THESIS/PRODUCTION OF ACRYLIC
FILMS

• NOUVEAU PROCEDE DE SYN-
THESE/FABRICATION DE FILMS
ACRYLIQUES

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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).

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)⁷ C08J 9/00, A61L 27/56

(11) WO 2004/087797 (13) A1

(21) PCT/CA2004/000500

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en

(26) en

(30) 60/459,635 3 Apr/avr 2003 US
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MICROPOROUS ARTICLES COM-
PRISING BIODEGRADABLE MED-
ICAL POLYMERS, METHOD OF
PREPARATION THEREOF AND
METHOD OF USE THEREOF

• ARTICLES MICROPOREUX COMPOR-
TANT DES POLYMERES MEDICAUX
BIODEGRADABLES, LEUR PROCEDE
DE PREPARATION ET LEUR PRO-
CEDE D'UTILISATION

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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)⁷ C08J 9/00, 9/16 // C08L 25/04

(11) WO 2004/087798 (13) A1

(21) PCT/EP2004/002840

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) MI2003A000627 31 Mar/mar 2003 IT (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • EXPANDABLE VINYLAROMATIC POLYMERS AND PROCESS FOR THEIR PREPARATION

• POLYMERES VINYLAROMATIQUES EXPANSIBLES ET PROCEDE DE PREPARATION DE CEUX-CI

(71) POLIMERI EUROPA S.P.A. [IT/IT]; Via E. Fermi, 4, I-72100 Brindisi (IT). *(for all designated States except / pour tous les États désignés sauf US)*

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(74) DE GREGORI, Antonella et al. / etc.; Ing. Barzanó & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 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).

(51)⁷ C08J 11/10, C08C 19/08, C12R 1/00, C12N 1/20, B09B 3/00

(11) WO 2004/087799 (13) A1

(21) PCT/IB2004/000932

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 10314893.0 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR SURFACE ACTIVATION AND/OR DEVULCANISATION OF SULPHUR-VULCANISED RUBBER PARTICLES

• PROCEDE D'ACTIVATION ET/OU DE DEVULCANISATION DE LA SURFACE DE PARTICULES DE CAOUTCHOUC VULCANISEES AVEC DU SOUFRE

(71) CRISTALLO HOLDINGS INC. [CA/CA]; # 206, 10458 Mayfield Road, Edmonton / Alberta T5P4P4 (CA).

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

(72, 75) NEUMANN, Willi [DE/DE]; Lerchenweg 2, 04849 Bad Dueben (DE).

(74) SCHRÖER, Gernot, H.,; Patentanwälte Meissner, Bolte & Partner, Bankgasse 3, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C08K 5/12, 5/00, C10M 105/36

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(25) en (26) en

(30) 60/458,648 28 Mar/mar 2003 US (28.03.2003)

(30) 60/460,903 7 Apr/avr 2003 US (07.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOW POLARITY DIMERATE AND TRIMERATE ESTERS AS PLASTICIZERS FOR THERMOPLASTIC COMPOSITIONS

• ESTERS DE DIMERATE ET DE TRIMERATE DE FAIBLE POLARITE UTILISES EN TANT QUE PLASTIFIANTS POUR DES COMPOSITIONS THERMOPLASTIQUES

(71) THE C.P. HALL COMPANY [US/US]; 311 South Wacker Drive, Suite 4700, Chicago, IL 60606-6622 (US).

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(72, 75) O'ROURKE, Stephen, E. [US/US]; 1847 Marne Road, Bolingbrook, IL 60490 (US). STEFANISIN, Kimberly, L. [US/US]; 4867 Wick Drive, Oak Lawn, IL 60453 (US). WENTWORTH, Gary [US/US]; 5540 N. Wayne Avenue, Chicago, IL 60640 (US).

(74) LAWRENCE, Andrew, M.; 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)⁷ C08K 9/04, 3/22, C08L 27/06

(11) WO 2004/087801 (13) A1

(21) PCT/EP2004/003158

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 15 185.0 3 Apr/avr 2003 DE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USE OF COMPOSITIONS COMPRISING BASIC METAL OXIDES AND/OR METAL HYDROXIDES FOR STABILIZING HALOGEN-CONTAINING ORGANIC PLASTIC MATERIALS

• UTILISATION DE COMPOSITIONS CONTENANT DES OXYDES ET/OU DES HYDROXYDES METALLIQUES BASIQUES POUR STABILISER DES MATIERES PLASTIQUES ORGANIQUES CONTENANT UN HALOGENE

(71) COGNIS DEUTSCHLAND GMBH & Co. KG [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

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(72, 75) DAUTE, Peter [DE/DE]; Adolf-Butenandt-Str. 25a, 27616 Beverstedt (DE). FLEDER, Thomas [DE/DE]; Luneweg 4, 27612 Loxstedt (DE). PICARD, Ralf [DE/DE]; Entenkamp 13, 27572 Bremerhaven (DE). ESSER, Andreas [DE/DE]; Am Weizenkamp 11, 49356 Diepholz (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)⁷ C08L 9/06, B60C 1/00, C08K 3/04, 5/17

(11) WO 2004/087802 (13) A1

(21) PCT/JP2004/003760

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-090119 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • RUBBER COMPOSITION CONTAINING MODIFIED CONJUGATED DIENE POLYMER AND TIRE

• COMPOSITION DE CAOUTCHOUC CONTENANT UN POLYMERE DIENE CONJUGUE MODIFIE ET PNEU

- (71) **BRIDGESTONE CORPORATION** [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 1048340 (JP).

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- (72, 75) **MIKAMI, Satoshi** [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP). **FUJINO, Kentaro** [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP). **OZAWA, Yoichi** [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP). **SUZUKI, Akira** [JP/JP]; c/o Bridgestone Corporation, Technical Center, 3-1-1, Ogawahigashi-cho, Kodaira-shi, Tokyo 1878531 (JP).

- (74) **SUGIMURA, Kosaku**; Kazan Building, 3-2-4, Kasumigaseki, 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)⁷ C08L 21/00, 23/10, 23/12, 23/16, 19/00

(11) **WO 2004/087803** (13) A1

(21) PCT/EP2003/003336

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • THERMOPLASTIC MATERIAL COMPRISING A VULCANIZED RUBBER IN A SUBDIVIDED FORM

• MATERIAU THERMOPLASTIQUE COMPORTANT UN CAOUTCHOUC VULCANISE EN UNE FORME SUBDIVISEE

- (71) **PIRELLI & C. S.p.A.** [IT/IT]; Via Gaetano Negri, 10, I-20123 Milano (IT).

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

- (72, 75) **TIRELLI, Diego** [IT/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT). **GALBUSERA, Michele** [IT/IT]; Pirelli Labs S.p.A., 222, Viale Sarca, I-20126 Milano (IT). **CASTELLANI, Luca** [IT/IT]; Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT). **PERUZZOTTI, Franco** [IT/IT]; Pirelli Labs S.p.A., 222, Viale Sarca, I-20126 Milano (IT). **ALBIZZATI, Enrico** [IT/IT];

Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano (IT).

- (74) **GIANNESI, Pier, Giovanni et al.** / etc.; Pirelli & C. S.p.A., Viale Sarca, 222, I-20126 Milano (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 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)⁷ C08L 23/02, 23/14, 23/04, C08K 3/00, 5/14, H01B 7/00

(11) **WO 2004/087804** (13) A1

(21) PCT/US2004/009501

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/458,517 **28 Mar/mar 2003 US (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • LOW GLOSS THERMOFORMABLE FLOORING STRUCTURE
• STRUCTURE DE REVETEMENT DE SOL THERMOFORMABLE PEU BRILLANT

- (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) **WALTHER, Brian, W.** [US/US]; 630 Highway 332, Lake Jackson, TX 77566 (US). **BAKER, Carl, F.** [US/US]; 217 Dewberry Drive, Lake Jackson, TX 77566 (US). **BAKER, Sharon, L.** [US/US]; 217 Dewberry, Lake Jackson, TX 77566 (US). **CASSIDAY, Michael, D.** [US/US]; 133 Papaya Drive, Lake Jackson, TX 77566 (US). **DIEHL, Charles, F.** [US/US]; 119 Dewberry Drive, Lake Jackson, TX 77566 (US). **LIANG, Wenbin** [US/US]; 6319 Aspen Cove Court, Sugar Land, TX 77479 (US). **WRIGHT, David, P.** [US/US]; 46 Whitby Circle, Somerset, NJ 08873 (US).

- (74) **HOPPE, James, T.**; 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

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(51)⁷ C08L 23/10, 23/12, 23/14, 23/16

(11) **WO 2004/087805** (13) A1

(21) PCT/EP2004/003304

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

(25) en (26) en

(30) 03075962.5 **2 Apr/avr 2003 EP (02.04.2003)**

(30) 60/473,671 **23 May/mai 2003 US (23.05.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • POLYOLEFIN MASTERBATCH AND COMPOSITION SUITABLE FOR INJECTION MOLDING
• MELANGE MAITRE DE POLYOLEFINES ET COMPOSITION POUR MOULAGE PAR INJECTION

- (71) **BASELL POLIOLEFINE ITALIA S.P.A.** [IT/IT]; Via Pergolesi, 25, I-20124 Milano (IT).

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

- (72, 75) **PELLICONI, Anteo** [IT/IT]; Via Volta, 22, I-45030 S.M.Maddalena (IT). **GARAGNANI, Enea** [IT/IT]; Viale Mons. Natale Mosconi, 76, I-44100 Ferrara (IT). **ENNIS, Gerald, J.** [CA/US]; 153 Oxford Road, Oxford, PA 19363 (US).

- (74) **GAVERINI, Gaetano**; Basell Poliolefine Italia S.p.A., Intellectual Property, Via Pergolesi, 25, I-20124 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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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(51)⁷ C08L 23/10

(11) **WO 2004/087806** (13) A1

(21) PCT/US2004/009121

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 10/402,275 **28 Mar/mar 2003 US (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • ELASTIC BLENDS OF SEMICRYSTALLINE PROPYLENE POLYMERS

AND HIGH GLASS TRANSITION TEMPERATURE MATERIALS

- MELANGES ELASTIQUES DE POLYMERES DE PROPYLENE SEMICRISTALLINS ET DE MATERIAUX A TEMPERATURE DE TRANSITION VITREUSE ELEVEE

(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77522-2101 (US).
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(72, 75) **DATTA, Sudhin** [US/US]; 315 E. Cowan Drive, Houston, TX 77007 (US).
CURRY, Christopher, Lewis [US/US]; 2333 Orleans Lane, Seabrook, TX 77586 (US).

(74) **MILBANK, Mandi, B.**; 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).

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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)⁷ C08L 23/12, C08F 10/06, 210/16, 210/06, 2/00

(11) WO 2004/087807 (13) A1

(21) PCT/EP2004/003307

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 03007669.9 3 Apr/avr 2003 EP (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPACT RESISTANT POLYOLEFIN COMPOSITIONS

- COMPOSITIONS DE POLYOLEFINE RESISTANTES AUX CHOCES

(71) **BASELL POLIOLEFINE ITALIA S.P.A.** [IT/IT]; Via Pergolesi, 25, I-20124 Milano (IT).

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(72, 75) **NEWS, Jean** [US/IT]; Via Ripagrande, 63, I-44100 Ferrara (IT).
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ZIMMERMANN, Hans-Jürgen [DE/DE]; Freiligrathstrasse 9, 65719 Hofheim am Taunus (DE).

(74) **GAVERINI, Gaetano**; Basell Poliolefine Italia S.p.A., Intellectual Property, Via Pergolesi, 25, I-20124 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ C08L 23/26, C08F 8/30, C10L 1/22, C10M 149/12, 133/54, 141/06, C10L 10/06, C09D 11/02

(11) WO 2004/087808 (13) A1

(21) PCT/EP2004/003425

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 14 809.4 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POLYALKENE AMINES WITH IMPROVED APPLICATIONAL PROPERTIES

- POLYALCENAMINE PRESENTANT DES PROPRIETES D'APPLICATION AMELIOREES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

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(72, 75) **BERGEMANN, Marco** [DE/DE]; Theodor-Mommsen-Strasse 13, 68766 Hockenheim (DE).
SCHWAHN, Harald [DE/DE]; Schlossstrasse 68, 69168 Wiesloch (DE).
POSSELT, Dietmar [DE/DE]; Ziegelhäuser Landstr. 7, 69120 Heidelberg (DE).
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WETTLING, Thomas [DE/DE]; Trifelsring 11, 67117 Limburgerhof (DE).
DIEHL, Klaus [DE/DE]; Luitpoldstrasse 24, 67454 Hassloch (DE).
SCHMIDTKE, Helmut [DE/DE]; Hofweg 29a, 64625 Bensheim (DE).

(74) **REITSTÖTTER, KINZEBACH & PARTNER (GBR)**; Sternwartstrasse 4, 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)⁷ C08L 25/04, 71/12, C08K 5/51

(11) WO 2004/087809 (13) A1

(21) PCT/JP2004/004337

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-090859 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-356211 16 Oct/oct 2003 JP (16.10.2003)

(30) 2003-357404 17 Oct/oct 2003 JP (17.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLAME-RETARDANT STYRENE RESIN COMPOSITION
• COMPOSITION DE RESINE STYRENE IGNIFUGE

(71) **PS JAPAN CORPORATION** [JP/JP]; 4-1, Koishikawa 1-chome, Bunkyo-ku, Tokyo, 1120002 (JP).

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(72, 75) **ENDO, Shigeru** [JP/JP]; 2-24-3-903, Imado, Taito-ku, Tokyo, 1110024 (JP).

(74) **ASAMURA, Kiyoshi et al.** / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo, 1000004 (JP).

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

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

(51)⁷ C08L 33/08, 53/00

(11) WO 2004/087810 (13) A1

(21) PCT/JP2004/003806

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-091117 28 Mar/mar 2003 JP
(28.03.2003)(30) 2003-091118 28 Mar/mar 2003 JP
(28.03.2003)(30) 2003-361596 22 Oct/oct 2003 JP
(22.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ACRYLIC ELASTOMER COMPOSITION

• COMPOSITION D'ELASTOMERE
ACRYLIQUE(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) TAKESADA, Kentaro [JP/JP];
18-16-401, Kikugaokacho, Hirakata-shi,
Osaka, 5730091 (JP). MANABE, Takao
[JP/JP]; 1-9-12, Onosuimei, Shigacho,
Shiga-gun, Shiga, 5200531 (JP).(74) KANEKA CORPORATION; 2-4,
Nakanoshima 3-Chome, Kita-ku Osaka-shi,
Osaka, 530-8288 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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)⁷ C08L 63/00, C08K 3/22, 5/521, C08J 5/24

(11) WO 2004/087811 (13) A1

(21) PCT/JP2003/003811

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLAME RETARDANT EPOXY RESIN
COMPOSITIONS, PREPREGS AND
METAL-CLAD LAMINATES• COMPOSITIONS DE RESINE
EPOXYDE IGNIFUGES, PREIM-
PREGNES ET STRATIFIES METAL-
LISES(71) MATSUSHITA ELECTRIC WORKS,
LTD. [JP/JP]; 1048, Oaza-Kadoma,
Kadoma-shi, Osaka 571-8686 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) KOIZUMI, Takeshi [JP/JP]; c/o MAT-
SUSHITA ELECTRIC WORKS, LTD., 1048,
Oaza-Kadoma, Kadoma-shi, Osaka 571-8686
(JP). OGASAWARA, Kenji [JP/JP]; c/o
MATSUSHITA ELECTRIC WORKS, LTD.,1048, Oaza-Kadoma, Kadoma-shi, Os-
aka 571-8686 (JP). KASHIHARA, Keiko
[JP/JP]; c/o MATSUSHITA ELECTRIC
WORKS, LTD., 1048, Oaza-Kadoma,
Kadoma-shi, Osaka 571-8686 (JP). YA-
MAGUCHI, Mao [JP/JP]; c/o MAT-
SUSHITA ELECTRIC WORKS, LTD.,
1048, Oaza-Kadoma, Kadoma-shi, Osaka
571-8686 (JP).(74) AOYAMA, Tamotsu 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
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 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)⁷ C08L 67/04, 1/10, 33/06, 57/00

(11) WO 2004/087812 (13) A1

(21) PCT/JP2004/001390

(22) 10 Feb/fév 2004 (10.02.2004)

(25) ja (26) ja

(30) 2003-090085 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POLYLACTIC ACID RESIN COMPO-
SITION, PROCESS FOR PRODUCING
THE SAME, BIAXIALLY STRETCHED
POLYLACTIC ACID FILM, AND
MOLDED ARTICLES THEREOF• COMPOSITION DE RESINE D'ACIDE
POLYLACTIQUE, PROCEDE DE
PRODUCTION DE CELLE-CI, FILM
D'ACIDE POLYLACTIQUE ETIRE DE
MANIERE BIAXIALE ET ARTICLES
MOULES ASSOCIES(71) TORAY INDUSTRIES, INC. [JP/JP]; 2-1,
Nihonbashi-muromachi 2-chome, Chuo-ku,
Tokyo 1038666 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) KANZAWA, Takeshi [JP/JP];
10-A4-14, Sonoyama 2-chome, Otsu-shi,
Shiga 5200842 (JP). KOBAYASHI, Sa-
dayuki [JP/JP]; 15-602, Tanabe-dori
5-chome, Mizuho-ku, Nagoya-shi, Aichi
4670027 (JP). YOSHIDA, Minoru [JP/JP];
21-6, Onoasahi 1-chome, Shiga-cho,
Shiga-gun, Shiga 5200533 (JP). SAKIDA,
Fumie [JP/JP]; 1-41-247, Eguchi 3-chome,
Shunan-shi, Yamaguchi 7450862 (JP). KU-
MAKI, Jiro [JP/JP]; 2-1501-2, Asahide,
Midori-ku, Nagoya-shi, Aichi 4580031 (JP).(74) IWAMI, Tomonori; c/o Intellectual Prop-
erty 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 KRKZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC 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)⁷ C08L 67/04, B32B 27/36

(11) WO 2004/087813 (13) A1

(21) PCT/JP2004/003780

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-092436 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POLY(GLYCOLIC ACID)-BASED
RESIN COMPOSITION AND FORMED
ARTICLE THEREFROM• COMPOSITION DE RESINE A BASE
D'ACIDE POLYGLYCOLIQUE ET AR-
TICLE FABRIQUE A PARTIR DE LA-
DITE COMPOSITION(71) KUREHA CHEMICAL INDUSTRY
COMPANY, LIMITED [JP/JP]; 9-11, Ni-
honbashi Horidome-cho 1-chome, Chuo-Ku,
Tokyo 1038552 (JP).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) YAMANE, KazuyukiSATO, Hi-
royukiKAWAKAMI, Yukichika(74) ENDO, Yukio; Tokyo International Patent
Firm, 2nd Floor, Miyata Building, 17-16,
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 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)⁷ C09B 45/48, C09D 11/00

(11) WO 2004/087814 (13) A1

(21) PCT/GB2004/001088

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 0307695.7 2 Apr/avr 2003 GB
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MAGENTA METAL CHELATE DYES
AND THEIR USE IN INK-JET PRINT-
ERS• COLORANTS MAGENTA A BASE DE
CHELATE METALLIQUE ET LEUR

UTILISATION DANS DES IMPRIMANTES A JET D'ENCRE

(71) **AVECIA LIMITED** [GB/GB]; Hexagon House, Blackley, Manchester M9 8ZS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WRIGHT, Gavin** [GB/GB]; P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB). **GREGORY, Peter** [GB/GB]; 129 Armadale Road, Bolton BL3 4UN (GB).

(74) **MORPETH, Fraser, Forrest et al.** / etc.; Avecia Limited, Intellectual Property Group, PO Box 42, Hexagon House, Blackley, Manchester M9 8ZS (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)⁷ C09B 47/24, C09D 11/00, B41J 2/01

(11) **WO 2004/087815** (13) A1

(21) PCT/JP2004/004446

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

(25) ja (26) ja

(30) 2003-095292 **31 Mar/mar 2003 JP (31.03.2003)**

(30) 2003-289492 **8 Aug/août 2003 JP (08.08.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **PHthalocyanine dye and use thereof for ink-jet printing**

• **COLORANT A BASE DE PHTHALOCYANINE ET SON UTILISATION POUR L'IMPRESSION A JET D'ENCRE**

(71) **NIPPON KAYAKU KABUSHIKI KAISHA** [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku Tokyo, 1028172 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJII, Takafumi** [JP/JP]; c/o NIPPON KAYAKU KABUSHIKI KAISHA FUNCTIONAL CHEMICALS RESEARCH LABORATORIES 3-26-8, Shimo, Kita-ku, Tokyo, 1150042 (JP). **KITAYAMA, Hi-rokazu** [JP/JP]; c/o NIPPON KAYAKU KABUSHIKI KAISHA FUNCTIONAL CHEMICALS RESEARCH LABORATORIES 3-26-8, Shimo, Kita-ku, Tokyo, 1150042 (JP). **NAMBA, Shinichi** [JP/JP]; c/o NIPPON KAYAKU KABUSHIKI KAISHA FUNCTIONAL CHEMICALS RESEARCH LABORATORIES 3-26-8, Shimo, Kita-ku, Tokyo, 1150042 (JP).

(74) **SAEKI, Norio**; Taka-ai Building, 9th floor, 15-2, 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)⁷ C09C

(11) **WO 2004/087816** (13) A2

(21) PCT/EP2004/003553

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) de (26) de

(30) 103 15 775.1 **4 Apr/avr 2003 DE (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **THIN COATING ALUMINUM PIGMENTS, METHOD FOR THE PRODUCTION THEREOF, AND USE OF SAID ALUMINUM PIGMENTS**

• **PIGMENTS D'ALUMINIUM A COUVERTURE MINCE, PROCEDE DE FABRICATION ET UTILISATIONS ASSOCIES**

(71) **ECKART GMBH & CO. KG** [DE/DE]; Kaiserstrasse 30, 90763 Fürth (DE).

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

(72, 75) **SCHLEGL, Thomas** [DE/DE]; Bühler Strasse 15, 91245 Simmelsdorf (DE). **TRUMMER, Stefan** [DE/DE]; Valznerweiherstrasse 79, 90480 Nürnberg (DE). **HENGLEIN, Frank** [DE/DE]; Nordring 172, 90409 Nürnberg (DE). **SCHNEIDER, Ralph** [DE/DE]; Roggenstrasse 6, 91207 Lauf (DE). **SCHUSTER, Thomas** [DE/DE]; Frankenstrasse 9, 91207 Lauf (DE).

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

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

(51)⁷ C09C 1/62, 1/64, 3/04, C09D 17/00, 5/38, 11/02, C09B 67/00

(11) **WO 2004/087817** (13) A1

(21) PCT/GB2004/001353

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 0307890.4 **4 Apr/avr 2003 GB (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **METAL PIGMENT COMPOSITION**

• **COMPOSITION DE PIGMENT METALLIQUE**

(71) **SILBERLINE LIMITED** [GB/GB]; Banbeath Road, Leven, Fife KY8 5HD (GB).

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

(72, 75) **WHEELER, Ian, Robert** [GB/GB]; Pittendreich Villa, By Kinross, KY13 9HD (GB). **KRYSZCZUK, Michael, Richard** [GB/GB]; 3 Marine Park, Elie, Fife, KY9 1BD (GB).

(74) **CRESSWELL, T., A. 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)⁷ C09C 3/10, 1/02

(11) **WO 2004/087818** (13) A1

(21) PCT/EP2004/003347

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) de (26) de

(30) 103 15 363.2 **3 Apr/avr 2003 DE (03.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **AQUEOUS ELUTRIATIONS OF FINE-PARTICLED FILLING MATERIALS, METHODS FOR THE PRODUCTION THEREOF AND USE THEREOF IN THE PRODUCTION OF PAPER CONTAINING FILLING MATERIALS**

• **ELUTRIATIONS AQUEUSES DE MATIERES DE CHARGE A FINES PARTICULES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION POUR LA PRODUCTION DE PAPIERS CONTENANT DES MATIERES DE CHARGE**

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) **ESSER, Anton** [DE/DE]; Mönchswörthstrasse 6, 68199 Mannheim (DE). **BRAIG, Volker** [DE/DE]; Goethestrasse 8, 68526 Ladenburg (DE). **WENDKER, Martin** [DE/DE]; Burkhardstrasse 9, 67549 Worms (DE). **BLUM, Rainer** [DE/DE]; Lissauer Weg 10, 68307 Mannheim (DE). **BAUMANN, Peter** [DE/DE]; Haardtstrasse 10, 67459 Böhl-Ingelheim (DE). **NEUTZNER, Josef** [DE/DE]; Erschigweg 32, 67434 Neustadt (DE). **DUPUIS, Jacques** [FR/DE]; Schwetzingen Strasse 16, 68775 Ketsch (DE). **HÄHNLE, Hans-Joachim** [DE/DE]; Böhmlackerstrasse 27, 67435 Neustadt (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).

(51)⁷ C09D 5/00, 5/16, 175/04, A01N 65/00, A01M 29/00

(11) WO 2004/087819 (13) A1

(21) PCT/JP2004/004721

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-096723 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INSECT REPELLENT COATING
• REVETEMENT INSECTIFUGE

(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) TOMIOKA, Toshikazu

(74) MAEDA, Hiroshi et al. / etc.; Honmachi-nakajima Bldg. 4-8, Utsubohonmachi, 1-chome, Nishi-ku, Osaka-shi, Osaka 5500004 (JP).

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

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

(51)⁷ C09D 5/00, 101/08, 129/04, 163/00, 167/00, 175/04, A01N 65/00, B32B 33/00, A01M 29/00, H05K 3/28

(11) WO 2004/087820 (13) A1

(21) PCT/JP2004/004725

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-096776 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INSECT REPELLENT COATING AND INDUSTRIAL PRODUCT USING THE SAME

• REVETEMENT INSECTIFUGE ET PRODUIT INDUSTRIEL COMPRENANT CE DERNIER

(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) TOMIOKA, Toshikazu

(74) MAEDA, Hiroshi et al. / etc.; Honmachi-nakajima Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500004 (JP).

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

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

(51)⁷ C09D 5/02, B05D 1/02, B05B 9/00

(11) WO 2004/087821 (13) A1

(21) PCT/EP2004/003530

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 483.3 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DYE BASED ON AT LEAST ONE POLYMER DISPERSION AND METHOD FOR APPLICATION OF THE DYE

• COLORANT A BASE D'AU MOINS UNE DISPERSION POLYMERE ET PROCEDE D'APPLICATION DUDIT COLORANT

(71) DEUTSCHE AMPHIBOLIN-WERKE VON ROBERT MURJAHN STIFTUNG & CO. KG [DE/DE]; Rossdörfer Strasse 50, 64372 Ober-Ramstadt (DE). J. WAGNER GMBH [DE/DE]; Otto-Lilienthal-Strasse 18, 88677 Markdorf (DE).

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

(72, 75) BEFURT, Uwe [DE/DE]; Im Gründchen 6A, 64372 Ober-Ramstadt (DE). HUMMERT, Thomas [DE/DE]; In der Grün 1, 64397 Modautal (DE). BISTER, Erhard [DE/DE]; Danziger Strasse 4, 64846 Gross-Zimmern (DE). SAUSENG, Harald [DE/DE]; Gansbühl 3, 88356 Ostrach (DE). STECHER, Jürgen [DE/DE]; Fuchsbühlweg 35, 88097 Mariabrunn (DE). SORG, Viktor [DE/DE]; Breslauerstrasse 7, 88682 Salem (DE). ZÖLLER, Heike [DE/DE]; Zehntscheuerstrasse 2, 88079 Kressbronn (DE). MAZENAUER, Rolf [DE/CH]; Neugasse 10, CH-9443 Widnau (CH).

(74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 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).

Published / Publiée : (c)

(51)⁷ C09D 5/02

(11) WO 2004/087822 (13) A1

(21) PCT/EP2004/003531

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 483.3 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DYE BASED ON AT LEAST ONE POLYMER DISPERSION

• COLORANT A BASE D'AU MOINS UNE DISPERSION POLYMERE

(71) DEUTSCHE AMPHIBOLIN-WERKE VON ROBERT MURJAHN STIFTUNG & CO. KG [DE/DE]; Rossdörfer Strasse 50, 64372 Ober-Ramstadt (DE).

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

(72, 75) BEFURT, Uwe [DE/DE]; Im Gründchen 6A, 64372 Ober-Ramstadt (DE). HUMMERT, Thomas [DE/DE]; In der Grün 1, 64397 Modautal (DE). BISTER, Erhard [DE/DE]; Danziger Strasse 4, 64846 Gross-Zimmern (DE).

(74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 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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(22) 31 Mar/mar 2004 (31.03.2004)

- (25) ja (26) ja
- (30) 2003-094861 **31 Mar/mar 2003 JP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **INK COMPOSITION CONTAINING SOFT MATERIAL, TECHNIQUE FOR FORMING SOLID USING SUCH COMPOSITION, AND THREE-DIMENSIONAL PRINTING TECHNIQUE**
- COMPOSITION POUR ENCRE CONTENANT UNE MATIERE SOUPLE, TECHNIQUE POUR FORMER UN SOLIDE AU MOYEN DE LADITE COMPOSITION, ET TECHNIQUE D'IMPRESSION TRIDIMENSIONNELLE
- (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) **MITA, Naoki [JP/JP]**; c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 6, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki, 3058566 (JP). **OKAZAKI, Chizuko [JP/JP]**; c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 6, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki, 3058566 (JP). **YAMASHITA, Juli [JP/JP]**; c/o National Institute of Advanced Industrial Science and Technology Tsukuba Central 6, 1-1, Higashi 1-chome, Tsukuba-shi, Ibaraki, 3058566 (JP). **OKAZAKI, Sachi [JP/JP]**; 37-6, Nishi 21-jo Minami 4-chome, Obihiro-shi, Hokkaido, 0802471 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ **C09D 11/00**
- (11) **WO 2004/087824** (13) A2
- (21) PCT/US2004/009184
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 60/458,483 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **INKJET INK SET AND METHOD OF USING SAME**

- **ENSEMBLE JET D'ENCRE ET PROCEDE D'UTILISATION DE CELUI-CI**
- (71) **E.I. DUPONT DE NEMOURS AND COMPANY [US/US]**; 1007 Market Street, WILMINGTON, DE 19898 (US).
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- (72, 75) **BAUER, Richard, Douglas [US/US]**; 102 Manor Drive, Kennett Square, PA 19348 (US). **HERMANSKY, Clarence, Gaetano [US/US]**; 3 Durboraw Road, Wilmington, DE 19810 (US).
- (74) **LERMAN, Bart, E.**; 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)⁷ **C09J**
- (11) **WO 2004/087825** (13) A2
- (21) PCT/US2004/009369
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 10/404,855 **1 Apr/avr 2003 US (01.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **ADHESIVE ROLLER CONSTRUCTION**
- **CONSTRUCTION DE ROULEAU ADHESIF**
- (71) **THE EVERCARE COMPANY [US/US]**; 3440 Preston Ridge Road, Suite 650, Alpharetta, GA 30005 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCKAY, Nicholas D., Jr. [US/US]**; 295 Forrest Lake Drive, Atlanta, GA 30005 (US).
- (74) **SPRINKLE, Douglas W. et al. / etc.**; Gifford, Krass, Groh, Sprinkle, Anderson & Citkowski, P.C., 280 N. Old Woodward Ave., Suite 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).

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)⁷ **C09J 5/00, 5/08, B60J 10/02, C08J 9/32**

(11) **WO 2004/087826** (13) A2

(21) PCT/GB2004/001366

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 0307504.1 **1 Apr/avr 2003 GB (01.04.2003)**

(30) 0325658.3 **4 Nov/nov 2003 GB (04.11.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **METHOD AND APPARATUS FOR BONDING AND DEBONDING ADHESIVE INTERFACE SURFACES**

• **PROCEDE ET APPAREIL PERMETTANT DE COLLER ET DE DECOLLER DES SURFACES D'INTERFACE ADHESIVES**

(71) **DE-BONDING LIMITED**; 16, Dumaresq St., St Helier, Jersey, Channel Islands JE4 8SU (GB).

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(72, 75) **BAIN, Peter [GB/GB]**; 103 Rein Road, Wakefield WF3 1JQ (GB). **MANFRE, Giovanni [IT/IT]**; Materials and Glasses Technologies, Via Vicenza 11, I-37042 Caldiero (IT).

(74) **HARRISON GODDARD FOOTE**; Belgrave Hall, Belgrave Street, Leeds LS2 8DD (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)⁷ C09J 7/02, G09F 3/10 // B32B 7:06

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(21) PCT/FI2004/000178

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 20030489 1 Apr/avr 2003 FI
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A LAMINATE, A SELF-ADHESIVE LABEL WEB AND A METHOD FOR MANUFACTURING

• LAMINE, BANDE D'ETIQUETTES AUTO-ADHESIVES ET LEUR PROCEDE DE FABRICATION

(71) RAFLATAC OY [FI/FI]; Tesomankatu 31, FI-33310 Tampere (FI).

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(72, 75) VIRTANEN, Kari [FI/FI]; La-piosaarenkatu 1 B, FI-33250 Tampere (FI).

(74) GUSTAFSSON, Helmer; UPM-Kymmene Corporation, P.O.Box 40, FI-37601 Valkeakoski (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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(21) PCT/JP2003/003972

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ADHESIVE TAPE FOR ELECTRONIC MEMBER

• BANDE ADHÉSIVE POUR ÉLÉMENT ÉLECTRONIQUE

(71) DENKI KAGAKU KOGYO KABUSHIKI KAISHA [JP/JP]; 4-1, Yuraku-cho 1-chome, Chiyoda-ku, Tokyo 100-8455 (JP).

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(72, 75) ARAKI, Norikazu [JP/JP]; c/o Toyo Chemical Co., Ltd., 13-1, Dai 2-chome, Kamakura-shi, Kanagawa 247-8510 (JP). UCHIDA, Hiroyuki [JP/JP]; c/o Toyo Chemical Co., Ltd., 13-1, Dai 2-chome, Kamakura-shi, Kanagawa 247-8510 (JP). KUTSUMI, Masanobu [JP/JP]; c/o Toyo Chemical Co., Ltd., 13-1, Dai 2-chome, Kamakura-shi, Kanagawa 247-8510 (JP). KUME, Masashi [JP/JP]; c/o Toyo Chemical Co., Ltd., 13-1, Dai 2-chome, Kamakura-shi, Kanagawa 247-8510 (JP). KOSUGI, Kazuhiro [JP/JP]; c/o Denki

Kagaku Kogyo Kabushiki Kaisha, Polymer Processing Technology R & D Center, 245, Nishigawara, Naganuma-cho, Isezaki-shi, Gunma 372-0855 (JP). FUJIMURA, Tetsuo [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Polymer Processing Technology R & D Center, 245, Nishigawara, Naganuma-cho, Isezaki-shi, Gunma 372-0855 (JP). SHIMIZU, Mikio [JP/JP]; c/o Denki Kagaku Kogyo Kabushiki Kaisha, Polymer Processing Technology R & D Center, 245, Nishigawara, Naganuma-cho, Isezaki-shi, Gunma 372-0855 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (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 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)⁷ C09J 11/00, 5/02

(11) WO 2004/087829 (13) A2

(21) PCT/FR2004/050126

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 03/03594 25 Mar/mar 2003 FR
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR BONDING TOGETHER TWO SUBSTRATES, METHOD FOR DISASSEMBLING SAID BONDED ASSEMBLY AND PRIMER THEREFOR

• PROCEDE D'ASSEMBLAGE DE DEUX SUBSTRATS PAR COLLAGE, PROCEDE DE DEMONTAGE DE CET ASSEMBLAGE COLLE ET PRIMAIRE UTILISE

(71) RESCOLL [FR/FR]; 16, avenue Pey Berland, ENSCPB, F-33600 Pessac (FR).

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

(72, 75) ALCORTA, José [ES/FR]; 80, rue Victor Hugo, F-33130 Begles (FR). PAPON, Eric [FR/FR]; Peyrou, F-33350 Saint Magne de Castillon (FR). VILLENAVE, Jean-Jacques [FR/FR]; 12, allée de Lanquais, F-33170 Gradignan (FR). DALET, Pierre [FR/FR]; 19, Caplane, F-33210 Sauternes (FR).

(74) POUCHUCQ, Bernard; 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C09K 5/04, F25B 15/00

(11) WO 2004/087830 (13) A1

(21) PCT/JP2004/004468

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-091384 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPERATING MEDIUM FOR ABSORPTION REFRIGERATOR, ABSORPTION REFRIGERATOR AND PROCESS FOR PRODUCING COLD HEAT HEATING MEDIUM

• SOURCE D'ENERGIE POUR MACHINE FRIGORIFIQUE A ABSORPTION, MACHINE FRIGORIFIQUE A ABSORPTION ET PROCEDE DE PRODUCTION DE FLUIDE CALOPORTEUR DE CHALEUR FROIDE

(71) HACHINOHE INSTITUTE OF TECHNOLOGY [JP/JP]; 88-1, Aza Ohbiraki, Oaza Myou, Hachinohe-shi, Aomori 031-8501 (JP).

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(72, 75) TAKAHASHI, Sankichi [JP/JP]; c/o Hachinohe Institute of Technology, 88-1, Aza Ohbiraki, Oaza Myou, Hachinohe-shi, Aomori 031-8501 (JP). NODA, Hidehiko [JP/JP]; c/o Hachinohe Institute of Technology, 88-1, Aza Ohbiraki, Oaza Myou, Hachinohe-shi, Aomori 031-8501 (JP). KUDOH, Masanari [JP/JP]; c/o Hachinohe Institute of Technology, 88-1, Aza Ohbiraki, Oaza Myou, Hachinohe-shi, Aomori 031-8501 (JP). KOJIMA, Kouryou [JP/JP]; c/o Hachinohe Institute of Technology, 88-1, Aza Ohbiraki, Oaza Myou, Hachinohe-shi, Aomori 031-8501 (JP). KUNUGI, Yoshihumi [JP/JP]; 1-3-311, Miyamae-chou, Kohfu-shi, Yamanashi 031-8501 (JP).

(74) TOMISAWA, Tomonari; c/o Hachinohe Intelligent Plaza, 1-4-43, Kita-in-ter-kougyou-danchi, Hachinohe-shi, Aomori 039-2245 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ C09K 11/08

(11) WO 2004/087831 (13) A1

(21) PCT/DE2004/000632

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 14 168.5 28 Mar/mar 2003 DE (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING A COATING ON THE SURFACE OF A PARTICLE OR ON A MATERIAL AND CORRESPONDING PRODUCT

• PROCEDE DE PRODUCTION D'UN REVETEMENT SUR LA SURFACE D'UNE PARTICULE OU D'UNE MATIERE ET PRODUIT ASSOCIE

(71) OSRAM OPTO SEMICONDUCTORS GMBH [DE/DE]; Wernerwerkstr. 2, 93040 Regensburg (DE).
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(72, 75) GRAMPEIX, Helen [FR/FR]; 39 la ribiere, F-23000 Saint Sulpice le Guereois (FR). KOBUSCH, Manfred [DE/DE]; Rudolf-Zorn-Str. 4, 81739 München (DE). LIEPOLD, Ute [DE/DE]; Mathilde-Boyen-Str. 3, 80939 München (DE).

(74) POKORNY, Gerd; Osram GmbH, Postfach 22 16 43, 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).

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(21) PCT/KR2004/000336

(22) 19 Feb/fév 2004 (19.02.2004)

(25) ko (26) en

(30) 10-2003-0010257 19 Feb/fév 2003 KR (19.02.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METAL OXIDE COATED PHOSPHOR FOR PLASMA DISPLAY PANEL AND MANUFACTURING METHOD THEREOF

• PHOSPHORE REVETU D'OXYDE METALLIQUE POUR ECRAN A PLASMA ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngungpo-ku, Seoul 150-010 (KR).

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

(71, 72) YOO, Jae-Soo [KR/KR]; #29-1105, Hansin Apartment, Banpo 2-dong, Seochcho-ku, Seoul 137-767 (KR).

(72, 75) JUNG, Byung-Woo [KR/KR]; #101-1306, Daerim Apartment, Dogok 1-dong, Kangnam-ku, Seoul 135-271 (KR). HONG, Geun-Young [KR/KR]; 990-10, Doksan-dong, Kuemcheon-ku, Seoul 153-019 (KR). YOO, Won-Tae [KR/KR]; 359-25, Sindaeabang 2-dong, Dongjak-ku, Seoul 156-012 (KR).

(74) KIM, Young-Ho; Y.h.kim International Patent Office, Kamryoung Bldg. 3rd Floor 153-29., Samsung-dong, Kangnam-ku, Seoul 135-090 (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).

(51)⁷ C09K 11/64, 11/08

(11) WO 2004/087833 (13) A1

(21) PCT/JP2004/003326

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-069228 14 Mar/mar 2003 JP (14.03.2003)

(30) 2003-100646 3 Apr/avr 2003 JP (03.04.2003)

(30) 2003-282828 30 Jul/juil 2003 JP (30.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHOSPHOR AND METHOD FOR PRODUCING SAME

• PHOSPHORE ET PROCEDE PERMETTANT DE LE PRODUIRE

(71) SAKAI CHEMICAL INDUSTRY CO. LTD. [JP/JP]; 1-1-23, Ebisunochonishi, Sakai-shi, Osaka, 5908502 (JP).

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(72, 75) HIRAYAMA, Seiko [JP/JP]; c/o Sakai Chemical Industry Co., Ltd., 5-1, Ebisujimacho, Sakai-shi, Osaka, 5900985 (JP). KOBAYASHI, Keita [JP/JP]; c/o Sakai Chemical Industry Co., Ltd., 5-1, Ebisujimacho, Sakai-shi, Osaka, 5900985 (JP). ISHII, Junya [JP/JP]; c/o Sakai Chemical Industry Co., Ltd., 5-1, Ebisujimacho, Sakai-shi, Osaka, 5900985 (JP). WADA, Mizuho [JP/JP]; c/o Sakai Chemical Industry Co., Ltd., 5-1, Ebisujimacho, Sakai-shi, Osaka, 5900985 (JP). NAKAHARA, Shinji [JP/JP]; c/o Sakai Chemical Industry Co., Ltd., 5-1, Ebisujimacho, Sakai-shi, Osaka, 5900985 (JP).

(74) YASUTOMI, Yasuo et al. / etc.; 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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(51)⁷ C09K 17/06, 17/02, 17/32, 17/50 // 101:00

(11) WO 2004/087834 (13) A2

(21) PCT/JP2004/004750

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-093619 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SOIL IMPROVEMENT MATERIAL UTILIZING MARINE RESOURCE, AND ITS MANUFACTURING METHOD

• MATERIAU D'AMELIORATION DU SOL UTILISANT DES RESSOURCES MARINES, ET PROCEDE DE FABRICATION CORRESPONDANT

(71, 72) KUDOH, Toshiaki [JP/JP]; 27-12, Aza Kuchiha, Oaza Koyanagi, Aomori-shi, Aomori 030-0915 (JP).

(74) TOMISAWA, Tomonari; c/o Hachinohe Intelligent Plaza, 1-4-43, Kita-inter-kougyou-danchi, Hachinohe-shi, Aomori 039-2245 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ C09K 19/58, 19/34

(11) WO 2004/087835 (13) A1

(21) PCT/EP2004/002157

(22) 4 Mar/mar 2004 (04.03.2004)

(25) en (26) en

(30) 03007236.7 1 Apr/avr 2003 EP
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CHIRAL POLYMERIZABLE COM-
POUNDS
• COMPOSES POLYMERISABLES CHI-
RAUX

(71) MERCK PATENT GMBH [DE/DE];
Frankfurter Strasse 250, 64293 Darmstadt
(DE).
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(72, 75) HASSALL, Ian, Victor, Edward
[GB/GB]; 22 Burnham Road, Christchurch,
Dorset BH23 7ND (GB). MAY, Alison,
Linda [GB/GB]; 10 Hadrian Way, Corfe
Mullen, Poole, Dorset BH21 3XF (GB).

(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)⁷ C09K 19/58, H01L 51/30

(11) WO 2004/087836 (13) A1

(21) PCT/JP2004/004346

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-096210 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FIELD EFFECT TRANSISTOR AND
METHOD OF PRODUCING THE SAME
• TRANSISTOR À EFFET DE CHAMP ET
PROCÉDÉ DE PRODUCTION

(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) MIURA, Daisuke [JP/JP]; c/o CANON
KABUSHIKI KAISHA 3-30-2, Shimo-
maruko, Ohta-ku, Tokyo, 1468501 (JP).
NAKAYAMA, Tomonari [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, Chiy-
oda-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)⁷ C10B

(11) WO 2004/087837 (13) A2

(21) PCT/US2004/009130

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/400,198 26 Mar/mar 2003 US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED OPEN SYSTEM SUL-
PHUROUS ACID GENERATOR WITH
PLUME DEMISTER
• GENERATEUR D'ACIDE SULFUREUX
DE SYSTEME D'OUVERTURE PER-
FECTIONNE PRESENTANT UN DEVE-
SICULEUR DE PANACHE

(71) AAPA TRUST [US/US]; 455 South 300
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(US).
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les États désignés sauf US)

(72) JACKSON, Edward, W.; 3745 South
Haven Way, Salt Lake City, UT 84109 (US).
JOHNSON, Franklin, D.; 1200 South
Oakhills Way, Salt Lake City, UT 84108
(US).

(74) ZENGER, Todd, E. 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)⁷ C10G 11/22, 50/00, 57/00, 57/02

(11) WO 2004/087838 (13) A1

(21) PCT/GB2004/001265

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 0307758.3 3 Apr/avr 2003 GB
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTEGRATED PROCESS FOR THE
PRODUCTION OF OLEFIN DERIVA-
TIVES
• PROCEDE INTEGRE DE PRODUC-
TION DE DERIVES D'OLEFINES

(71) BP CHEMICALS LIMITED [GB/GB];
Chertsey Road, Sunbury-on-Thames, Mid-
dlesex TW16 7BP (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LITTLE, Ian, Raymond [GB/GB]; 188
Manor Road North, Thames Ditton, Surrey
KT7 0BQ (GB). LUCY, Andrew, Richard
[GB/GB]; 24 Station Road, South Cave,
Brough, East Yorkshire HU15 2AA (GB).
MAUNDERS, Barry, Martin [GB/GB];
Woodlands, 5 Paddock Way, Woodham,
Woking, Surrey GU21 5TB (GB).

(74) HYMERS, Ronald, Robson; BP Inter-
national Limited, Chertsey Road, Sun-
bury-on-Thames, Middlesex TW16 7LN
(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)
(u) for / pour US only / seulement

(51)⁷ C10J 3/00, C01B 3/30, 3/40

(11) WO 2004/087839 (13) A1

(21) PCT/JP2004/004475

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-089717 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • FLUIDIZED BED GASIFIER, GAS FUEL PRODUCING METHOD, AND GAS POWER GENERATION SYSTEM
- GAZOGENE EN LIT FLUIDISE, PROCEDE DE PRODUCTION DE COMBUSTIBLE GAZEUX ET SYSTEME DE GENERATION D'ENERGIE SOUS FORME DE GAZ

(71) HACHINOHE INSTITUTE OF TECHNOLOGY [JP/JP]; 88-1, Aza Ohbiraki, Oaza Myou, Hachinohe-shi, Aomori 031-8501 (JP).

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

(72, 75) OKAMURA, Takanari [JP/JP]; c/o Hachinohe Institute of Technology, 88-1, Aza Ohbiraki, Oaza Myou, Hachinohe-shi, Aomori 031-8501 (JP). HUKUHARA, Chouji [JP/JP]; c/o Hachinohe Institute of Technology, 88-1, Aza Ohbiraki, Oaza Myou, Hachinohe-shi, Aomori 031-8501 (JP).

(74) TOMISAWA, Tomonari; c/o Hachinohe Intelligent Plaza, 1-4-43, Kita-intar-kougyou-danchi, Hachinohe-shi, Aomori 039-2245 (JP).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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)⁷ C10J 3/18, 3/46, 3/57

(11) WO 2004/087840 (13) A1

(21) PCT/CA2004/000514

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 2,424,805 4 Apr/avr 2003 CA
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TWO-STAGE PLASMA PROCESS FOR CONVERTING WASTE INTO FUEL GAS AND APPARATUS THEREFOR

- PROCEDE EN DEUX ETAPES FAISANT APPEL A UN PLASMA POUR LA CONVERSION DE DECHETS EN GAZ COMBUSTIBLE ET APPAREIL CORRESPONDANT

(71) PYROGENESIS INC. [CA/CA]; 2000 William St., Montreal, Quebec H3J 1R8 (CA).

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

(72, 75) CARABIN, Pierre [CA/CA]; 4355 Girouard, Montreal, Quebec H4A 3E5 (CA). TSANTRIZOS, Peter, George [CA/CA]; 4904 Grosvenor Ave., Montreal, Quebec H3W 2M1 (CA).

(74) DUBUC, J. et al. / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, 800 Place Victoria, Suite 3400, P.O. Box 242, Montreal, Quebec H4Z 1E9 (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 : (c)

(51)⁷ C10L 1/22

(11) WO 2004/087841 (13) A1

(21) PCT/EP2004/050338

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/459,020 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIESEL FUEL COMPOSITION AND A METHOD TO IMPROVE FILTERABILITY OF DIESEL FUEL

- COMPOSITION DE CARBURANT DIESEL ET PROCEDE D'AMELIORATION DE LA FILTRABILITE DU CARBURANT DIESEL

(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) GANDE, Matthew Edward [US/US]; 16 Contemporary Drive, Danbury, CT 06811 (US). GATECHAIR, Leslie Robert [US/US]; 319 Martling Avenue, Tarrytown, NY 10591 (US). VENKATADRI, Ramraj [IN/US]; 5 Tappan Terrace, Ardsley, NY 10502 (US). WAYNICK, Andrew [US/US]; 6318 Jade Glen, San Antonio, TX 78249 (US). WESTBROOK, Steve [US/US]; 11305 Redlands Park, San Antonio, TX 78249 (US).

(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).

Published / Publiée : (c)

(51)⁷ C10L 1/32

(11) WO 2004/087842 (13) A1

(21) PCT/EP2004/003037

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) MI2003A 000628 31 Mar/mar 2003 IT
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FUEL FOR MOTOR VEHICLES

- CARBURANT POUR VEHICULES AUTOMOBILES

(71) ENI S.p.A. [IT/IT]; Piazzale E. Mattei, 1, I-00144 Rome (IT). CAM TECNOLOGIE S.p.A. [IT/IT]; Via Sempione, 230, I-20016 Pero (IT). ENITECNOLOGIE S.p.A. [IT/IT]; Via F. Maritano, 26, I-20097 San Donato Milanese (IT).

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(72, 75) D'ELIA, Luigi [IT/IT]; Via Fratelli Rosselli, 53, I-26025 Pandino (IT). SCORLETTI, Pietro [IT/IT]; Via Fratelli Cervi 34, I-27010 Giussago (IT). RAUSA, Riccardo [IT/IT]; Via Spilamberto, 5/C, I-20097 San Donato Milanese (IT). RIVOLTA, Guido [IT/IT]; Via B. Buozzi, 9, I-27029 Vigevano (IT). DE AMICIS, Alberto [IT/IT]; Via Olona, 8/E, I-20097 San Donato Milanese (IT). AMBROSINI, Tiziano [IT/IT]; Via Aldo Moro, 21, I-20019 Settimo Milanese (IT).

(74) DE GREGORI, Antonella et al. / etc.; ING. Barzanò & Zanardo Milano S.p.A., Via Borgonuovo, 10, I-20121 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).

(51)⁷ C10L 3/00, 3/10

(11) WO 2004/087843 (13) A1

(21) PCT/US2004/008780

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/458,213 27 Mar/mar 2003 US
(27.03.2003)(30) 10/805,943 22 Mar/mar 2004 US
(22.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FUEL COMPOSITIONS COMPRISING NATURAL GAS AND DIMETHYL ETHER AND METHODS FOR PREPARATION OF THE SAME

- COMPOSITIONS DE CARBURANT COMPRENANT DU GAZ NATUREL ET DU DIMETHYL ETHER, ET LEURS PROCÉDES DE PREPARATION

(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) FLEISCH, Theo, H. [US/US]; 13534 Grand Masterpiece Lane, Houston, TX 77041 (US). BRISCOE, Michael, D. [US/US]; 22706 Bloomridge Circle, Katy, TX 77450 (US).

(74) WOOD, John, L.; BP America Inc., 4101 Winfield Road, 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 VN YU ZA ZM ZW.

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

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(51)⁷ C10L 9/08, B01J 19/24

(11) WO 2004/087844 (13) A1

(21) PCT/IN2004/000085

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,141 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PROCESS FOR REMOVAL OF ORGANIC SULPHUR FROM HIGH SULPHUR COAL AND A DEVICE THEREOF

- PROCÉDE DESTINE A ENLEVER LE SOUFRE ORGANIQUE D'UN CHARBON A HAUTE TENEUR EN SOUFRE ET DISPOSITIF ASSOCIE

(71) COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

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(72) ALI, Abdul; Central Fuel Research Institute, Post Office CFRI, Dhanbad 828 108, Jharkhand (IN). BHATTACHARYA, Atulya; Central Fuel Research Institute, Post Office CFRI, Dhanbad 828 108, Jharkhand (IN). BANERJEE, Sukumar; Central Fuel Research Institute, Post Office CFRI, Dhanbad 828 108, Jharkhand (IN). TIWARI, Dina, Nath; Central Fuel Research Institute, Post Office CFRI, Dhanbad 828 108, Jharkhand (IN). HAZRA, Sushanta, Kumar; Central Fuel Research Institute, Post Office CFRI, Dhanbad 828 108, Jharkhand (IN). YADAV, Rama, Shankar; Central Fuel Research Institute, Post Office CFRI, Dhanbad 828 108, Jharkhand (IN).

(74) BHATNAGAR, Mahendra, Prasad; Lall Lahiri & Salhotra, Plot No.B-28, Sector-32, Institutional Area, Gurgaon-122 001, Haryana (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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ C10L 9/10

(11) WO 2004/087845 (13) A1

(21) PCT/IB2004/000945

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 2003/2510 31 Mar/mar 2003 ZA
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FUEL ELEMENT

- ELEMENT COMBUSTIBLE

(71) INVEST IN PROPERTY 19 (PROPRIETARY) LIMITED [ZA/ZA]; 201 Momentum West Tower, 343 Pretorius Street, 0002 PRETORIA (ZA).

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

(72, 75) LEHMAN, Chad, Daniel [US/ZA]; Southern-167 Glen Eagles Road, Silverlakes, 0054 PRETORIA (ZA).

(74) RUSSELL, Claire, Louise; Adams & Adams, Adams & Adams Place, 1140 Prospect Street, Hatfield, PO Box 1014, 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 VN YU ZA ZM ZW.

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

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

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(51)⁷ C10L 10/00

(11) WO 2004/087846 (13) A1

(21) PCT/IN2004/000091

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 1019/DEL/2002 4 Apr/avr 2003 IN
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PROCESS FOR THE PREPARATION OF A FUEL ADDITIVE

- PROCÉDE DE PREPARATION D'UN ADDITIF POUR CARBURANT

(71, 72) KAILASH, Chandra, Sharma [IN/IN]; 21, M. G. Road, Johri Palace, Flat No. 417, 4th Floor, Indore 452 001, Madhya Pradesh (IN).

(74) G., S., Davar et al. / etc.; L. S. Davar & Co., 5/1 Kalkaji Extension, New Delhi 110 019 (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 VN YU ZA ZM ZW.

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

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(51)⁷ C10M 105/44, C07C 67/08, 69/34 // C10N 20:00, 20:02, 30:00, 30:02, 30:08, 30:12, 40:02, 40:04, 40:08, 40:25

(11) WO 2004/087847 (13) A1

(21) PCT/JP2004/004660

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-093305 31 Mar/mar 2003 JP
(31.03.2003)(30) 2003-407135 5 Dec/déc 2003 JP
(05.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LUBRICANT AND LUBRICATION METHOD

- LUBRIFIANT ET PROCÉDE DE LUBRIFICATION

(71) NEW JAPAN CHEMICAL CO., LTD. [JP/JP]; 13, Yoshijima Yagura-cho, Fushimi-ku, Kyoto-shi, Kyoto 6128224 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAHARA, Yasuyuki [JP/JP]; c/o NEW JAPAN CHEMICAL CO., LTD., 13, Yoshijima Yagura-cho, Fushimi-ku, Kyoto-shi, Kyoto 6128224 (JP). TAKAHASHI, Kouji [JP/JP]; c/o NEW JAPAN CHEMICAL CO., LTD., 13, Yoshijima Yagura-cho, Fushimi-ku, Kyoto-shi, Kyoto 6128224 (JP). TOMIZAWA, Hirotaka [JP/JP]; c/o NEW JAPAN CHEMICAL CO., LTD., 13, Yoshijima Yagura-cho, Fushimi-ku, Kyoto-shi, Kyoto 6128224 (JP). TSUJIMOTO, Shinya [JP/JP]; c/o NEW JAPAN CHEMICAL CO., LTD., 13, Yoshijima Yagura-cho, Fushimi-ku, Kyoto-shi, Kyoto 6128224 (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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ C10M 141/08, 141/10

(11) WO 2004/087848 (13) A2

(21) PCT/US2004/009040

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/458,640 28 Mar/mar 2003 US (28.03.2003)

(30) 10/802,610 17 Mar/mar 2004 US (17.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A LUBRICANT CONTAINING A SYNERGISTIC COMBINATION OF RUST INHIBITORS, ANTIWEAR AGENTS, AND A PHENTHIAZINE ANTIOXIDANT

• LUBRIFIANT CONTENANT UNE COMBINAISON SYNERGIQUE D'INHIBITEURS D'OXYDATION, D'AGENTS ANTIUSURE ET D'UN ANTIOXYDANT A BASE DE PHENTHIAZINES

(71) EXXONMOBIL RESEARCH & ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O.Box 900, Annandale, NJ 08801-0900 (US).

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(72) VANN, Walter, D.; 80 Carlton Avenue, Marlton, NJ 08053 (US). FARNG, Oscar, L.; 22 Evans Lane, Lawrenceville, NJ 08648 (US). GALIANO-ROTH, Angela; 121 Franklin Drive, Mullica Hill, NJ 08062 (US). ROGERS, Marcia, G.; 106 West Maple Tree Drive, Mount Holly, NJ 08060 (US). DUBS, Paul; Bergackerstrasse 21, CH-6330 Cham (CH). HUTCHINGS, Miles, J.; 190 Inwood Road, Scarsdale, NY 10583 (US).

(74) BAKUN, Estelle, C. et al. / etc.; ExxonMobil 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)⁷ C10M 143/12, 169/04, C08L 53/02, 23/16

(11) WO 2004/087849 (13) A1

(21) PCT/US2004/008787

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/458,666 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VISCOSITY IMPROVER COMPOSITIONS PROVIDING IMPROVED LOW TEMPERATURE CHARACTERISTICS TO LUBRICATING OIL

• COMPOSITIONS AMELIORANTES DE LA VISCOSITE CONFERANT DE MEILLEURES CARACTERISTIQUES A BASSE TEMPERATURE AUX HUILES LUBRIFIANTES

(71) THE LUBRIZOL CORPORATION [US/US]; 29400 Lakeland Blvd., Wickliffe, OH 44092 (US).

(71, 72) HUANG, Chor [US/US]; 32631 Redwood Blvd., Avon Lake, OH 44012 (US). BREON, Lewis [US/US]; 263 Greenbriar Dr., Aurora, OH 44202 (US).

(74) SHOLD, David, M. et al. / etc.; The Lubrizol Corporation, 29400 Lakeland Blvd., Wickliffe, Ohio 44092 (US).

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

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

(51)⁷ C10M 145/14, 149/06, 151/02, 177/00, C08F 293/00

(11) WO 2004/087850 (13) A1

(21) PCT/EP2004/000594

(22) 24 Jan/jan 2004 (24.01.2004)

(25) de (26) de

(30) 103 14 776.4 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LUBRICATING OIL COMPOSITION WITH GOOD FRICTIONAL PROPERTIES

• COMPOSITION D'HUILE LUBRIFIANTE PRESENTANT DE BONNES PROPRIETES DE FROTTEMENT

(71) ROHMAX ADDITIVES GMBH [DE/DE]; Kirschenallee, 64293 Darmstadt (DE).

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

(72, 75) DARDIN, Alexander [DE/DE]; Hurststrasse 17, 69514 Laudenbach (DE). MÜLLER, Michael [DE/DE]; Pater-Delp-Strasse 32, 64625 Bensheim (DE). EISENBERG, Boris [DE/DE]; Frankenstein Str. 101, 64297 Darmstadt (DE).

(74) RÖHM GMBH & CO. KG. et al. / etc.; Intellectual Property Management, Patente, Kirschenallee, 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)⁷ C10M 169/04

(11) WO 2004/087851 (13) A1

(21) PCT/US2004/009893

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,639 28 Mar/mar 2003 US (28.03.2003)

(30) 10/802,607 17 Mar/mar 2004 US (17.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ALL PARAFFINIC, LOW TEMPERATURE HYDRAULIC OILS

• HUILES HYDRAULIQUES BASSE TEMPERATURE ENTIEREMENT PARAFFINIQUES

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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

(72) LAWRENCE, Kyle, D.; 1818 Wilson Street, Houston, TX 77019 (US). SEMMEL, Lisa, A.; 105 Crestview Drive, Kennett Square, PA 19348 (US).

(74) MARIN, Mark, D. et al. / etc.; Exxonmobil 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).

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(51)⁷ C11B 9/00, A61K 7/46, C07D 309/20

(11) WO 2004/087852 (13) A1

(21) PCT/JP2004/003893

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-096287 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PERFUME COMPOSITIONS AND
3,6-DICYCLOPENTYL-8-VALERO-
LACTONE

• COMPOSITIONS PARFUMÉES ET
3,6-DICYCLOPENTYLE-8G(D)-VA-
LERO-LACTONE

(71) ZEON CORPORATION [JP/JP]; 6-1,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8323 (JP).

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

(72, 75) WATANABE, Kazunori [JP/JP]; c/o
Zeon Corporation, 6-1, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8323 (JP).

(74) UCHIYAMA, Mitsuru; TSI Sudacho Build-
ing 8F, 4-1, Kandasudacho 1-chome, Chi-
oda-ku, Tokyo 101-0041 (JP).

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

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

(51)⁷ C11C 5/00

(11) WO 2004/087853 (13) A1

(21) PCT/EP2004/002252

(22) 5 Mar/mar 2004 (05.03.2004)

(25) de (26) de

(30) 103 15 322.5 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR SURFACE-METALLIZ-
ING WAX OBJECTS, ESPECIALLY

FOR SILVER-PLATING CANDLES TO
GIVE THEM A BRIGHT DE LUXE
SHINE

• PROCEDE DE METALLISATION DE
LA SURFACE D'ARTICLES EN CIRE,
NOTAMMENT D'ARGENTURE DE
BOUGIES

(71) KAISER LACKE GMBH [DE/DE]; Darm-
städter Strasse 7, 90427 Nürnberg (DE).

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

(72, 75) KAISER, Stefan [DE/DE]; Darmstädter
Strasse 7, 90427 Nürnberg (DE).

(74) HÜBNER, Gerd et al. / etc.; Königstrasse 2,
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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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 / seulement

(51)⁷ C11D 3/00, 1/62, 3/22

(11) WO 2004/087854 (13) A1

(21) PCT/US2004/008969

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,448 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FABRIC CARE COMPOSITIONS COM-
PRISING CATIONIC STARCH

• COMPOSITIONS DE SOINS POUR
TISSU COMPRENANT UN AMIDON
CATIONIQUE

(71) THE PROCTER & GAMBLE COM-
PANY [US/US]; One Procter & Gamble
Plaza, Cincinnati, OH 45202 (US).

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

(72, 75) CORONA, Alessandro, III [US/US];
9100 Woodcut Court, Mason, OH 45040
(US). WARD, Alice, Marie [US/US]; 6618
Kalbfleisch Road, Middletown, OH 45042
(US). GIZAW, Yonas [US/US]; 11990
Greencastle Drive, Cincinnati, OH 45246
(US). BROWN, Donald, Ray [US/US];
7045 Maple Creek Drive, Middletown, OH
45044 (US). TOLENTINO, Anna, Liza
[US/US]; 3634 Parkline Avenue, Cincin-
nati, OH 45208 (US). FRANKENBACH,
Gayle, Marie [US/US]; 10010 Voyager
Lane, Cincinnati, OH 45252 (US).

(74) THE PROCTER & GAMBLE COM-
PANY; 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).

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(51)⁷ C11D 3/39, 3/37

(11) WO 2004/087855 (13) A1

(21) PCT/EP2004/002890

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) 103 14 441.2 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BLEACH ACTIVATOR COMPOUND

• COMPOSÉ DE TYPE ACTIVATEUR DE
BLANCHIMENT

(71) HENKEL KOMMANDITGE-
SELLSCHAFT AUF AKTIEN [DE/DE];
Henkelstrasse 67, 40589 Düsseldorf (DE).

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

(72, 75) JEKEL, Maren [DE/DE]; Bankstrasse
79, 40476 Düsseldorf (DE). PEGELOW,
Ulrich [DE/DE]; Paulstrasse 13, 40597
Düsseldorf (DE). SCHMIEDEL, Peter
[DE/DE]; Graudenzer Str. 27, 40599
Düsseldorf (DE). ASSMANN, Georg
[DE/DE]; Dechant-Königs-Strasse 9, 41363
Jüchen (DE). SCHIRMER-DITZE, Heike
[DE/DE]; Guerickeweg 45, 40591 Düsseldorf
(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 :

(u) for / pour US only / seulement

(51)⁷ C11D 17/02, 3/20, 9/26

(11) WO 2004/087856 (13) A1

(21) PCT/EP2004/003032

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 328/MUM/03 3 Apr/avr 2003 IN
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • IMPROVED DETERGENT BAR AND PROCESS FOR MANUFACTURE

• DETERGENT EN PAIN AMELIORE ET PROCEDE DE FABRICATION

- (71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London, Greater London EC4P 4BQ (GB).

(only for / seulement pour AE AG AU BB BW BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NA NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

- (71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(only for / seulement pour AL AM AT AZ BA BE BF BG BJ BR BY CF CG CH CI CM CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GA GE GN GQ GR GW HR HU ID IS IT JP KG KP KR KZ LR LT LU LV MA MC MD MG MK ML MR MX MZ NE NI NL NO PH PL PT RO RU SE SI SK SN SY TD TG TJ TM TN TR UA UZ VN YU)

- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai, 400 020 (IN).

(only for / seulement pour IN)

- (72, 75) MHATRE, Subhash, Shivshankar [IN/IN]; Hindustan Lever Ltd, Research Centre, Chakala Andheri (East) (IN). SIVAKUMAR, Ananthasubramanian [US/IN]; Hindustan Lever Ltd, Research Centre, Chakala Andheri (East) (IN).

- (74) ELLIOTT, Peter et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (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)⁷ C11D 17/06, 17/04, 3/37, 3/22, 1/04, 3/20

- (11) WO 2004/087857 (13) A1

- (21) PCT/CA2004/000501

- (22) 2 Apr/avr 2004 (02.04.2004)

- (25) en (26) en

- (30) 60/459,630 3 Apr/avr 2003 US (03.04.2003)

- (43) 14 Oct/oct 2004 (14.10.2004)

- (54) • FILM-FORM COMPOSITIONS FOR DELIVERY OF SOAPS AND DETERGENTS

• COMPOSITIONS FILMOGENES POUR L'APPLICATION DE SAVONS ET DE DETERGENTS

- (71, 72) MACQUARRIE, Reg [CA/CA]; 345 Prince Edward Drive, Toronto, Ontario M8X 2L4 (CA).

- (74) RIDOUT & 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).

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- (51)⁷ C11D 17/06, 10/04, 3/37, 1/06, 9/26

- (11) WO 2004/087858 (13) A1

- (21) PCT/JP2004/004751

- (22) 31 Mar/mar 2004 (31.03.2004)

- (25) ja (26) ja

- (30) 2003-093854 31 Mar/mar 2003 JP (31.03.2003)

- (43) 14 Oct/oct 2004 (14.10.2004)

- (54) • COMPOSITION FOR SHEET CLEANING AGENT

• COMPOSITION DESTINEE A UN AGENT DE NETTOYAGE EN FEUILLE

- (71) P & PF CO., LTD. [JP/JP]; 21-22, Nishigawara 2-chome, Ibaraki-shi, Osaka 567-0023 (JP).

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- (72, 75) SAITO, Yoshinobu [JP/JP]; 16-13, Ai 3-chome, Ibaraki-shi, Osaka 567-0001 (JP). NAGAHAMA, Daiji [JP/JP]; 2-10, Ijiri 1-chome, Takatsuki-shi, Osaka 569-0015 (JP). OKUDA, Takahiro [JP/JP]; 16-36-505, Higashinara 3-chome, Ibaraki-shi, Osaka 567-0861 (JP). NISHINA, Tetsuo [JP/JP]; 610-1, Hara, Takatsuki-shi, Osaka 569-1051 (JP).

- (74) KURAUCHI, Giro; Sumitomoseimei Midotsuji Bldg., 14-3, Nishitemma 4-chome, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ C12M

- (11) WO 2004/087859 (13) A2

- (21) PCT/EP2004/003171

- (22) 25 Mar/mar 2004 (25.03.2004)

- (25) de (26) de

- (30) 103 14 512.5 31 Mar/mar 2003 DE (31.03.2003)

- (43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SAMPLING SYSTEM FOR FLUID SAMPLES

• SYSTEME DE PRELEVEMENT D'ECHANTILLON POUR DES ECHANTILLONS FLUIDES

- (71) TECHNISCHE UNIVERSITÄT MÜNCHEN [DE/DE]; Arcisstrasse 21, 80333 München (DE).

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- (72, 75) SCHWAIGER, Bernd [DE/DE]; Rupertstr. 5a, 83278 Traunstein (DE). HILLER, Julia [DE/DE]; Rotkäppchenstrasse 72, 81739 München (DE). WEUSTER-BOTZ, Dirk [DE/DE]; Donaueschawenweg 34, 85221 Dachau (DE).

- (74) PFENNING, MEINIG & PARTNER GBR; Mozartstrasse 17, 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).

- (51)⁷ C12M

- (11) WO 2004/087860 (13) A2

- (21) PCT/US2004/010162

- (22) 31 Mar/mar 2004 (31.03.2004)

- (25) en (26) en

- (30) 60/459,506 31 Mar/mar 2003 US (31.03.2003)

- (43) 14 Oct/oct 2004 (14.10.2004)

- (54) • MATERIALS AND METHODS FOR REGULATING PROCESS FORMATION IN CELL CULTURE

• MATERIELS ET PROCEDES POUR REGULER LA FORMATION DE PROCESSUS LORS DE LA CULTURE CELLULAIRE

- (71) UNIVERSITY OF SOUTH FLORIDA [US/US]; 4202 Fowler Avenue, FAO 126, Tampa, FL 33620-7900 (US). UNIVERSITY OF CHILE [CL/CL]; Beauchef 850, Santiago (CL).

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- (72, 75) CAVIEDES, PABLO [CL/CL]; Oceano Pacific Sun 8297, Santiago (CL). CAVIEDES, Raul [CL/CL]; Latadia 4499, Apt.#32, Santiago (CL). FREEMAN, Thomas, B. [US/US]; 14002 Shady Shores

- Dr., Tampa, FL 33613 (US). **ASENJO, Juan**, A. [CL/CL]; Los Troncos 1180, Penololén, Santiago (CL). **ANDREWS, Barbara**, A. [CL/CL]; Los Troncos 1180, Penololén, Santiago (CL). **SEPULVEDA, Dario** [CL/CL]; Carampangue 1162, Quilicura, Santiago (CL). **ARRIAGADA, Christian** [CL/CL]; Pasaje 28 N. 1057,P.3, Dp. D-33, La Pintana, Santiago (CL). **RIVERA, Julio, Salazar** [CL/CL]; Luis Lazzarini 8053, Santiago (CL).
- (74) **LADWIG, Glenn, P.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, 2421 N.W. 41st Street, Suite A-1, Gainesville, FL 32606-6669 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N
- (11) **WO 2004/087861** (13) A2
- (21) PCT/ES2004/000151
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) es (26) es
- (30) P200300857 2 Apr/avr 2003 ES (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • BIOLOGICAL CONTAMINATION-REMOVAL METHOD
- METHODE BIOLOGIQUE D'ELIMINATION DE CONTAMINANTS
- (71, 72) **NAVARRO AVIÑO, Juan Pedro** [ES/ES]; Jativa, 3 d36, 46002 VALENCIA, 46002 VALENCIA (ES).
- (74) **SANZ-BERMELL MARTINEZ, Alejandro**; Jativa, 4, 46002 VALENCIA, 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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- (51)⁶ C12N
- (11) **WO 2004/087862** (13) A2
- (21) PCT/IL2004/000286
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 60/458,954 1 Apr/avr 2003 US (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • TAK1-MEDIATED INHIBITION OF OSTEOGENESIS
- BLOCAGE DE L'OSTEOGENESE PAR MEDIATION DU TAK-1
- (71) **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; P.O.Box 39135, Jerusalem, 91390 (IL). **GESELLSCHAFT FÜR BIOTECHNOLOGISCHE FORSCHUNG (GBF)** [DE/DE]; Mascheroder Weg1, 38124 Braunschweig (DE). **FLANDERS INTERUNIVERSITY FOR BIOTECHNOLOGY VZW (VIB)** [BE/BE]; Rijnsschedestraat 120, Zwijnaarde, B-9052 (BE). **K.U. LEUVEN RESEARCH & DEVELOPMENT** [BE/BE]; Groot Begijnhof 58-59, Leuven, B-3000 (BE).
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- (74) **EITAN PEARL LATZER & COHEN-ZEDEK** et al. / etc.; 7 Shenkar Street, Herzlia, 46725 (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).
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- (51)⁷ C12N
- (11) **WO 2004/087863** (13) A2
- (21) PCT/IL2004/000304
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) en (26) en
- (30) 10/405,698 3 Apr/avr 2003 US (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • NON-INVASIVE PRENATAL GENETIC DIAGNOSIS USING TRANSCERVICAL CELLS
- DIAGNOSTIC GENETIQUE PRENATAL NON INVASIF UTILISANT DES CELLULES TRANSCERVICALES
- (71) **MONALIZA MEDICAL, LTD.** [IL/IL]; 11 Hasadna Street, 43 650 Raanana (IL).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AMIEL, Aliza** [IL/IL]; P.O. Box 213, 40697 Ein-Sarid (IL). **FEJGIN, Moshe, D.** [IL/IL]; Suite 6113, 6 Rosenblum Street, 67676 Tel-Aviv (IL).
- (74) **G.E. EHRlich (1995) LTD.**; 11 Menachem Begin Street, 52521 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/087864** (13) A2
- (21) PCT/US2003/031815
- (22) 7 Oct/oct 2003 (07.10.2003)
- (25) en (26) en
- (30) 60/417,124 8 Oct/oct 2002 US (08.10.2002)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • AMENDED RECOMBINANT CELLS (ARCS) FOR THE PRODUCTION AND DELIVERY OF ANTIVIRAL AGENTS, ADJUVANTS AND VACCINE ACCELERANTS
- CELLULES DE RECOMBINAISON MODIFIÉES DESTINÉES A LA PRODUCTION ET A L'ADMINISTRATION D'AGENTS ANTIVIRAUX, D'ADJUVANTS ET DE CATALYSEURS DE VACCIN
- (71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268-1054 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GAERTNER, Frank, H.** [US/US]; 4461 Ocean Boulevard #36, San Diego, CA 92109 (US). **LEE, Stacey, Lynn** [US/US]; 13831 Paseo Cardiel, San Diego, CA 92129 (US). **SHUTTER, Robert, W.** [US/US]; 14940 Cinchring Drive, Poway, CA 92064 (US).
- (74) **EISENSCHENK, Frank, C.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, A Professional Association, 2421 NW 41st Street, Suite A-1, Gainesville, FL 32606-6669 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID 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).
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- (51)⁷ C12N
- (11) WO 2004/087865 (13) A2
- (21) PCT/US2004/010138
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 60/459,303 31 Mar/mar 2003 US
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • THE PREPARATION AND APPLI-
CATION OF LIGAND-BIOPOLYMER
CONJUGATES
- PREPARATION ET APPLICATION
DE CONJUGUES LIGAND-BIOPOLY-
MERE
- (71) THE REGENTS OF THE UNIVERSITY
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nology Transfer, 1111 Franklin Street, 12th
Floor, Oakland, CA 94607-5200 (US).
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- (72, 75) LAM, Kit, S. [US/US]; 1524 Arena
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- (74) KEZER, William, B. et al. / etc.; Townsend
and Townsend and Crew LLP, Two Embar-
cadero 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)⁷ C12N
- (11) WO 2004/087866 (13) A2
- (21) PCT/US2004/008658
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 10/401,049 27 Mar/mar 2003 US
(27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHODS FOR THE IDENTIFICA-
TION OF INHIBITORS OF LIPID
- TRANSFER PROTEIN ACTIVITY IN
PLANTS
- PROCEDES D'IDENTIFICATION
D'INHIBITEURS DE L'ACTIVITE DE
PROTEINES DE TRANSFERT DE LI-
PIDES DANS DES PLANTES
- (71) PARADIGM GENETICS, INC. [US/US];
108 Alexander Drive, Post Office Box 14528,
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ter Drive, Hillsborough, NC 27278 (US).
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- (74) KIEFER, Laura, L.; Paradigm Genet-
ics, Inc., 108 Alexander Drive, Post Office
Box 14528, Research Triangle Park, NC
27709-4528 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C12N
- (11) WO 2004/087868 (13) A2
- (21) PCT/US2004/008875
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) en (26) en
- (30) 60/457,426 25 Mar/mar 2003 US
(25.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DNA POLYMERASE FUSIONS AND
USES THEREOF
- FUSIONS DE POLYMERASES D'ADN
ET LEURS UTILISATIONS
- (71) STRATAGENE [US/US]; 11011 North Tor-
rey Pines Road, La Jolla, CA 92037 (US).
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- (72, 75) BORN, Michael [US/US]; 1907 Edith
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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)⁷ C12N

(11) WO 2004/087869 (13) A2

(21) PCT/US2004/008926

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,279 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HERPESVIRUS RIBOZYMES AND VECTORS

• RIBOZYMES ET VECTEURS DU VIRUS DE L'HERPES

(71) UNIVERSITY OF FLORIDA [US/US]; P.O. Box 115500, Gainesville, FL 32611-5500 (US).

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(74) STANLEY, Kim, A.; Akerman Senterfitt, 222 Lakeview Avenue, Suite 400, West Palm Beach, FL 33401-6183 (US).

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

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

(51)⁷ C12N

(11) WO 2004/087870 (13) A2

(21) PCT/US2004/009051

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en

(30) 60/457,383 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NEURONAL CELL LINEAGES AND METHODS OF PRODUCTION THEREOF

• LIGNEES CELLULAIRES NEURONALES ET LEURS PROCÉDES DE PRODUCTION

(63) US 60/457,383 (CON) 25 Mar/mar 2003 (25.03.2003)

(71) THE JOHNS HOPKINS UNIVERSITY [US/US]; Licensing and Technology Development, 3400 N. Charles Street, Baltimore, MD 21218 (US).

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(72, 75) BEACHY, Philip, A. [US/US]; 7818 Chelsea Street, Towson, MD 21204 (US). COOPER, Michael, K. [US/US]; 2008 20th Avenue South, Nashville, TN 37212 (US).

(74) HAILE, Lisa, A.; Gary Cary Ware & Friedenrich 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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C12N

(11) WO 2004/087871 (13) A2

(21) PCT/US2004/009143

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,472 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF DETERMINING GENE EXPRESSION: TARGETED EXPRESSED GENE DISPLAY

• DETERMINATION DE L'EXPRESSION D'UN GENE : AFFICHAGE GENES CIBLES EXPRIMES

(71) THE TRUSTEES OF BOSTON UNIVERSITY [US/US]; One Sherborn Street, Boston, MA 02218 (US).

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(72, 75) THIAGALINGAM, Sam [US/US]; 26 Winchester Drive, Lexington, MA 02420 (US). CHENG, Kuang-Hung; 46 An Ho Street, Chiayi, Taiwan 600 (TW).

(74) EISENSTEIN, Ronald, I. et al. / etc.; Nixon Peabody LLP, 100 Summer 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)⁷ C12N

(11) WO 2004/087872 (13) A2

(21) PCT/US2004/009182

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,787 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THIN NANOMETER-CONTROLLED POLYMER FILM GRADIENT

• GRADIENT DE FILM POLYMERIQUE A CONTROLE NANOMETRIQUE FIN

(71) E.I. DUPONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

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(72, 75) HUANG, Xueying [US/US]; 204 Cherry Blossom Place, Hockessin, Delaware 19707 (US).

(74) FELTHAM, Neil, S.; 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).

(51)⁷ C12N

(11) WO 2004/087873 (13) A2

(21) PCT/US2004/009194

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,793 26 Mar/mar 2003 US (26.03.2003)

(30) Not furnished / 25 Mar/mar 2004 US non communiqué (25.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS OF TREATING XEROSTOMIA AND XEROPHTHALMIA

- METHODES DE TRAITEMENT DE LA XEROSTOMIE ET DE LA XEROPHTALMIE

(71) **GENTERIC INC.** [US/US]; 1650 Harbor Bay Parkway, Alameda, CA 94502 (US).
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(72, 75) **BENNETT, Michael, J.** [US/US]; 4868 El Grande Place, El Sobrante, CA 94803 (US). **CHEN, Yen-Ju** [US/US]; 2052 San Antonio Avenue, Alameda, CA 94501 (US).

(74) **SNYDER, Joseph, R.** 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 VN YU ZA ZM ZW.

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

(51)⁷ C12N

(11) **WO 2004/087874** (13) A2

(21) PCT/US2004/009202

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/458,824 **28 Mar/mar 2003 US (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL NUCLEIC ACIDS AND POLYPEPTIDES
• ACIDES NUCLEIQUES ET POLYPEPTIDES

(71) **NUVELO, INC.** [US/US]; 675 Almanor Avenue, Sunnyvale, CA 94085 (US). **DR-MANAC, Radoje, T.** [US/US]; 27635 Red Rock Road, Los Altos Hills, CA 94022 (US).
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(72, 75) **TANG, Y., Tom** [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **ZHOU, Ping** [US/US]; 7595 Newcastle Drive, Cupertino, CA 95014 (US). **WANG, Jian-Rui** [CN/US]; 744 Stendhal Lane, Cupertino, CA 95014 (US). **WANG, Zhi, Wei** [CN/US]; 114 Indiana Avenue, Athens, GA 30605 (US). **HU, Tianhua** [CN/US]; 1638 Roberta Drive, San Mateo, CA 94403 (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 VN YU ZA ZM ZW.

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

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(11) **WO 2004/087875** (13) A2

(21) PCT/US2004/009203

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 60/457,884 **25 Mar/mar 2003 US (25.03.2003)**

(30) 60/465,913 **24 Apr/avr 2003 US (24.04.2003)**

(30) 60/476,035 **4 Jun/juin 2003 US (04.06.2003)**

(30) 60/486,228 **9 Jul/juil 2003 US (09.07.2003)**

(30) 60/525,466 **26 Nov/nov 2003 US (26.11.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NUCLEIC ACID-ASSOCIATED PROTEINS
• PROTEINES ASSOCIEES A DES ACIDES NUCLEIQUES

(71) **INCYTE CORPORATION** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
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(72, 75) **HAFALIA, April, J., A.** [US/US]; 15 Midvale Drive, Santa Clara, CA 94015 (US). **RAMKUMAR, Jayalaxmi** [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). **KHARE, Reena** [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). **TRAN, Uyen, K.** [US/US]; 2638 Mabury Square, San Jose, CA 95133 (US). **RICHARDSON, Thomas, W.** [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). **BECHA, Shanya, D.** [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). **SWARNAKAR, Anita** [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). **CHAWLA, Narinder, K.** [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **LEE, Ernestine, A.** [US/US]; 226 Arlington Avenue, Kensington, CA 94707 (US). **EMERLING, Brooke, M.** [US/US]; 833 W. Buena Avenue, #2108, Chicago, IL 60613 (US). **ISON, Craig, H.** [US/US]; 1242 Weathersfield Way, San Jose, CA 95118 (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 VN YU ZA ZM ZW.

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

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

(51)⁷ C12N

(11) **WO 2004/087876** (13) A2

(21) PCT/US2004/009254

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/457,850 **25 Mar/mar 2003 US (25.03.2003)**

(30) 60/510,172 **9 Oct/oct 2003 US (09.10.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USE OF RED BLOOD CELLS TO FACILITATE CELL ACTIVATION
• UTILISATION DE GLOBULES ROUGES POUR FACILITER L'ACTIVATION CELLULAIRE

(71) **VALEOCYTE THERAPIES LLC** [US/US]; 10150 Meanley Drive, San Diego, CA 92131 (US).
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(72, 75) **CHAVAN, Surendra, J.** [IN/US]; 12665 Oak Knoll Road, Poway, CA 92064 (US). **CHITNIS, Vivek** [IN/US]; 11289 Paseo Montanos, Apartment 320, San Diego, CA 92127 (US). **THATTE, Jayant** [IN/US]; 16881 Abundante Street, San Diego, CA 92127 (US). **EL-KALAY, Mohammad, A.** [US/US]; 2841 Rancho Rio Chico, Carlsbad, CA 92009 (US).

(74) **ZACHOW, Karen, R.** 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 VN YU ZA ZM ZW.

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

(51)⁷ C12N

(11) **WO 2004/087877** (13) A2

(21) PCT/US2004/009261

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/457,745 **26 Mar/mar 2003 US (26.03.2003)**

(30) 60/497,784 **26 Aug/août 2003 US (26.08.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SELECTED RNA MOTIFS TO INCLUDE CELL DEATH AND/OR APOPTOSIS

- MOTIF D'ARN SELECTIONNE DESTINE A INDUIRE LA MORT CELLULAIRE ET/OU L'APOPTOSE

(71) **ASTRAL INC.** [US/US]; 6175 Lusk Blvd., San Diego, CA 92121 (US).

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(72, 75) **SMITH, Dan** [US/US]; 4004 Caminito Meliado, San Diego, CA 92122 (US). **BOT, Adrian** [RO/US]; 27003 Carmelita Dr., Valencia, CA 92121 (US).

(74) **WURST, John, E.**; Astral Inc., 6175 Lusk Blvd., San Diego, CA 92128 (US).

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

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

(51)⁷ C12N

(11) **WO 2004/087878** (13) A2

(21) PCT/US2004/009319

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/458,828 **28 Mar/mar 2003 US (28.03.2003)**

(30) 10/810,788 **26 Mar/mar 2004 US (26.03.2004)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • NOVEL PLANT PROMOTERS FOR USE IN EARLY SEED DEVELOPMENT
- NOUVEAUX PROMOTEURS DE PLANTES DESTINES A ETRE UTILISES DANS LE DEVELOPPEMENT PRECOCE DES GRAINES

(71) **MONSANTO TECHNOLOGY, LLC** [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).

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(72, 75) **RUEZINSKY, Diane, M.** [US/US]; 849 Bourn Drive, Woodland, CA 95776 (US).

(74) **RUSZALA, Lois, K.** et al. / etc.; 300 Lakeside Drive, Suite 300 South, Bannockburn, 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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ C12N

(11) **WO 2004/087879** (13) A2

(21) PCT/US2004/009323

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/457,979 **26 Mar/mar 2003 US (26.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PUFA POLYKETIDE SYNTHASE SYSTEMS AND USES THEREOF

- SYSTEMES DE POLYCETIDES SYNTHASE D'ACIDE GRAS POLYINSATURE ET LEURS UTILISATIONS

(71) **MARTEK BIOSCIENCES CORPORATION** [US/US]; 6480 Dobbin Road, Columbia, MD 21045 (US).

(72) **METZ, James, G.**; 542 E. 16th Avenue, Longmont, CO 80501 (US). **WEAVER, Craig, A.**; 4542 Starboard Drive, Boulder, CO 80301 (US). **BARCLAY, William, R.**; 7356 Panorama Drive, Boulder, CO 80303 (US). **FLATT, James, H.**; 7024 Quiet Retreat Court, Longmont, CO 80503 (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).

(51)⁷ C12N

(11) **WO 2004/087880** (13) A2

(21) PCT/US2004/009342

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/458,194 **26 Mar/mar 2003 US (26.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • COMPOUNDS AND THEIR USE TO TREAT DIABETES AND RELATED DISORDERS

- COMPOSES ET LEUR UTILISATION DANS LE TRAITEMENT DU DIABETE ET TROUBLES CONNEXES

(71) **BAYER PHARMACEUTICALS CORPORATION** [US/US]; 400 Morgan Lane, West Haven, CT 06516 (US).

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(72, 75) **BULLOCK, William, H.** [US/US]; 60 Hermann Lane, Easton, CT 06612 (US). **LIU,**

Qingjie [CN/US]; 611 Douglas Drive, Orange, CT 06477 (US).

(74) **GREENMAN, Jeffrey** et al. / etc.; 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).

(51)⁷ C12N

(11) **WO 2004/087881** (13) A2

(21) PCT/US2004/009375

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/458,144 **27 Mar/mar 2003 US (27.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PROCESS FOR PREPARING REVERSE TRANSCRIPTASE INHIBITORS

- PROCEDE DE PREPARATION D'INHIBITEURS DE LA TRANSCRIPTION INVERSE

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(72, 75) **MARTIN, Michael, Tolar** [US/US]; GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).

(74) **LEVY, David, J.** et al. / etc.; GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).

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

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

(51)⁷ C12N

(11) **WO 2004/087882** (13) A2

(21) PCT/US2004/009499

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/457,321 **26 Mar/mar 2003** US
(**26.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NEUREGULIN PROTEIN REGULATION OF SYNAPTIC PROTEINS

- REGULATION DE PROTEINES SYNAPTIQUES PAR LE BIAIS DE PROTEINES DE $\leq$ NEUREGULINE $\geq$

(71) WASHINGTON UNIVERSITY [US/US]; Campus Box 8013, 660 South Euclid, St. Louis, MO 63110 (US).

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(72, 75) BAO, Jianxin [US/US]; 2026 Midfield Lane, St. Louis, MO 63146 (US).

(74) GRANADOS, Patricia, D. et al. / etc.; Heller Ehrman White & McAuliffe LLP, Suite 300, 1666 K Street, NW, Washington, District of Columbia 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).

(51)⁷ C12N

(11) WO 2004/087883 (13) A2

(21) PCT/US2004/009568

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,056 **28 Mar/mar 2003** US
(**28.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • lovE VARIANT REGULATOR MOLECULES

- VARIANTES LOVEE DE MOLECULES REGULATRICES

(71) MICROBIA, INC. [US/US]; 320 Bent Street, Cambridge, MA 02141 (US).

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(72, 75) ROBERTS, Shannon [US/US]; 320 Bent Street, Cambridge, MA 02141 (US). SHERMAN, Amir [IL/US]; 2 Joy Street, Apt. #10, Boston, MA 02108 (US). TRUEHEART, Joshua [US/US]; 172 Annursnac Hill Road, Concord, MA 01742 (US). MILNE, G., Todd [US/US]; 169 Mason Terrace, Brookline, MA 02146 (US). ROYER, John, C. [US/US]; 16 Demar Road, Lexington, MA 02420 (US).

(74) MEIKLEJOHN, Anita, L.; 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).

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)⁷ C12N

(11) WO 2004/087884 (13) A2

(21) PCT/US2004/009590

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,067 **27 Mar/mar 2003** US
(**27.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TARGETING ENZYMES OF THE tRNA SPLICING PATHWAY FOR IDENTIFICATION OF ANTI-FUNGAL AND/OR ANTI-PROLIFERATIVE MOLECULES

- CIBLAGE D'ENZYMES DU TRAJET D'EPISSAGE D'ARNT POUR L'IDENTIFICATION DE MOLECULES ANTI-FONGIQUES ET/OU ANTI-PROLIFERATIVES

(71) PTC THERAPEUTICS, INC [US/US]; 100 Corporate Court, Middlesex Business Center, South Plainfield, NJ 07080 (US).

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

(72, 75) TROTTA, Christopher, R. [US/US]; 198 Scobee Lane, Somerset, NJ 08873 (US).

(74) CORUZZI, Laura, A. 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)⁷ C12N

(11) WO 2004/087885 (13) A2

(21) PCT/US2004/009624

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,229 **27 Mar/mar 2003** US
(**27.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR TRANSDIFFERENTIATION OF NON-PANCREATIC STEM CELLS TO THE PANCREATIC PATHWAY

- METHODE DE TRANSDIFFERENTIATION DE CELLULES SOUCHES NON PANCREATIQUES DANS LA VOIE DE DIFFERENTIATION DU PANCREAS

(71) IXION BIOTECHNOLOGY, INC. [US/US]; 13709 Progress Blvd., Box 13, Suite 207, Alachua, FL 32615 (US).

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

(72, 75) RAMIYA, Vijayakumar, K. [US/US]; 970 South West, 16th Avenue, Gainesville, FL 32601 (US).

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

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

(51)⁷ C12N

(11) WO 2004/087886 (13) A2

(21) PCT/US2004/009689

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/402,339 **27 Mar/mar 2003** US
(**27.03.2003**)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MODIFIED ADENOVIRAL E1A CONSTRUCTS AND METHODS OF USE THEREOF

- CONSTRUCTIONS ADENOVIRALES E1A MODIFIEES ET PROCEDES D'UTILISATION

(71) NATIONAL JEWISH MEDICAL AND RESEARCH CENTER [US/US]; 1400 Jackson Street, Denver, CO 80206 (US).

(72) **ROUTES, John, M.**; 7949 S. Poplar Way, Centennial, CO 80112 (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).

(51)⁷ C12N

(11) **WO 2004/087887** (13) A2

(21) PCT/US2004/009805

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 60/459,888 **1 Apr/avr 2003** US
(01.04.2003)

(30) 10/623,057 **17 Jul/juil 2003** US
(17.07.2003)

(30) 60/494,482 **11 Aug/août 2003** US
(11.08.2003)

(30) 60/508,034 **1 Oct/oct 2003** US
(01.10.2003)

(30) 60/512,941 **20 Oct/oct 2003** US
(20.10.2003)

(30) 60/523,258 **18 Nov/nov 2003** US
(18.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTRACELLULAR COMPLEXES AS BIOMARKERS

• COMPLEXES INTRACELLULAIRES UTILISES COMME BIOMARQUEURS

(71) **ACLARA BIOSCIENCES, INC.** [US/US]; 1288 Pear Avenue, Los Altos, CA 94043 (US).

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

(72, 75) **SINGH, Sharat** [US/US]; 27359 Julietta Lane, Los Altos, CA 94022 (US). **BADAL, M., Youssouf** [CA/US]; 507 S. Bernardo Ave., Apt. A, Sunnyvale, CA 94086 (US). **JIN, Xuenguang** [CN/US]; 2327 Pruneridge Avenue, Santa Clara, CA 95050 (US). **SALIMI-MOOSAVI, Hossein** [CA/US]; 1232 Vicente Dr., Apt. H, Sunnyvale, CA 94086 (US).

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

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

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

(51)⁷ C12N

(11) **WO 2004/087888** (13) A2

(21) PCT/US2004/009882

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

(25) en (26) en

(30) 60/459,079 **27 Mar/mar 2003** US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NEUROTRANSMITTER SIGNALING CAN REGULATE LIFE SPAN IN C. ELEGANS

• SIGNALISATION DE NEUROTRANSMETTEURS PERMETTANT LA REGULATION DE LA DUREE DE VIE CHEZ C. ELEGANS

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; One Beacon Street, 26th Floor, Boston, MA 02108 (US).

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(72, 75) **TISENBAUM, Heidi, A.** [US/US]; 32 Oak Hill Road, Wayland, MA 01778 (US).

(74) **MILASINCIC, Debra, 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).

(51)⁷ C12N 1/00, C12P 19/14, 7/06, C13K 1/06

(11) **WO 2004/087889** (13) A1

(21) PCT/DK2004/000231

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) PA 2003 00517 **4 Apr/avr 2003** DK
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MASH VISCOSITY REDUCTION

• REDUCTION DE LA VISCOSITE DU BRASSIN

(71) **NOVOZYMES A/S** [DK/DK]; Krogshøjvej 36, DK-2880 Bagsvaerd (DK).

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(72, 75) **GUTIERREZ, Ramiro, Martinez,** [ES/ES]; Ayda. de la Vega 4, E-28100 Alcobendas (ES). **DESTEXHE, Alain** [BE/BE]; Slangbeekstraat 46, B-3511 Kurin-gen (BE). **OLSEN, Hans, Sejr,** [DK/DK]; Højbjerg Vang 7, DK-2840 Holte (DK). **MISCHLER, Marcel** [CH/CH]; Waldeck 95, CH-4204 Himmelried (CH).

(74) **NOVOZYMES A/S**; Patents, Krogshøjvej 36, DK-2880 Bagsvaerd (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)⁷ C12N 1/00, 1/38, C12P 7/64

(11) **WO 2004/087890** (13) A2

(21) PCT/IN2004/000080

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 60/458,443 **31 Mar/mar 2003** US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD OF ENHANCING LEVELS OF POLYUNSATURATED FATTY ACIDS IN THRAUSTOCHYTRID PROTISTS

• PROCEDE PERMETTANT D'AUGMENTER LES NIVEAUX D'ACIDES GRAS POLYINSATURES DANS DES PROTISTES THRAUSTOCHYTRIDES

(71) **COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

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

(72, 75) **SESHAGIRI, Raghukumar** [IN/IN]; National Institute of Oceanography, Dona Paula, Goa 403 004 (IN). **JAIN, Ruchi** [IN/IN]; National Institute of Oceanography, Dona Paula, Goa 403 004 (IN).

(74) **GOPALAN, Deepak, Srinivas et al.** / etc.; K & S PARTNERS, 84-C, C-6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (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 MN
MW MX MZ NA NI NO NZ OM PG PH PL PT 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)

(51)⁷ C12N 1/20, A61K 35/74, A23C 9/152,
A23L 1/30, A23C 9/123, C12R 1/225

(11) WO 2004/087891 (13) A1

(21) PCT/IB2003/001739

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LACTOBACILLUS FERMENTUM
STRAIN AND USES THEREOF

• SOUCHE DE <I>LACTOBACILLUS
FERMENTUM</I> ET SES UTILISA-
TIONS

(71) AXCEL PHOTONICS, INC. [US/US];
Route de Bü, La Prevote, F-78550 Houdan
(US). INSTITUT NATIONAL DE LA
SANTE ET DE LA RECHERCHE MED-
ICALE (INSERM) [FR/FR]; 101, rue de
Tolbiac, F-75013 Paris (FR).
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les États désignés sauf US)

(72, 75) SERVIN, Alain [FR/FR]; 110, rue
de Saint-Cloud, F-92000 Nanterre (FR).
CHAUVIERE, Gilles [FR/FR]; 12, rue
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POLTER, Marie-Hélène [FR/FR]; 8, rue
Jean le Galleu, F-94200 Ivry sur Seine (FR).
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de la Gare, F-91570 Bievres (FR). GASTE-
BOIS, Bruno [FR/FR]; 16, rue Maurice
Genevoix, F-28000 Chartres (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabi-
net Regimbeau, 20, rue de Chazelles, F-75847
Paris Cedex 17 (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C12N 1/20

(11) WO 2004/087892 (13) A1

(21) PCT/KR2004/000752

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ko (26) en

(30) 10-2003-0020022 31 Mar/mar 2003 KR
(31.03.2003)

(30) 10-2003-0020023 31 Mar/mar 2003 KR
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GENE INVOLVED IN THE BIOSYN-
THESIS OF CAROTENOID AND MA-
RINE MICROORGANISM, PARACOC-
CUS HAEUNDAENSIS, PRODUCING
THE CAROTENOID

• GENE INTERVENANT DANS LA BIO-
SYNTHÈSE D'UN CAROTENOÏDE
ET MICRO-ORGANISME MARIN,
LE PARACOCOCUS HAEUNDAENSIS,
PRODUISANT CE CAROTENOÏDE

(71) ALGENTECH [KR/KR]; 599-1 Daeyeon-
dong, Nam-gu, Busan 608-020 (KR).

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

(71, 72) KIM, Young Tae [KR/KR]; #107-1002,
Kyungnamsunkyung Apt, Jwa-dong, Hae-
undae-gu, Busan 612-030 (KR). LEE, Jae
Hyung [KR/KR]; 167-2 Sambang-dong,
Gimhae-si, Gyeongsangnam-do 621-190
(KR).

(74) LEE, Won-Hee; 8th Fl. Sung-ji Heights II,
642-16 Yoksam-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 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)⁷ C12N 1/20, A61K 31/35, 35/74, A23L 1/30
// (C12N 1/20, C12R 1:25)

(11) WO 2004/087893 (13) A1

(21) PCT/SE2004/000509

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0300994-1 4 Apr/avr 2003 SE
(04.04.2003)

(30) 60/463,058 16 Apr/avr 2003 US
(16.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOSITIONS COMPRISING LAC-
TOBACILLUS PLANTARUM STRAINS
IN COMBINATION WITH TANNIN

AND NEW LACTOBACILLUS PLAN-
TARUM STRAINS

• COMPOSITIONS COMPRENANT DES
SOUCHES DE LACTOBACILLUS
PLANTARUM COMBINÉES A DU
TANNIN ET NOUVELLES SOUCHES DE
LACTOBACILLUS PLANTARUM

(71) PROBI AB [SE/SE]; Sölvegatan 41, S-223
70 Lund (SE).

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

(72, 75) MOLIN, Göran [SE/SE]; Examensvä-
gen 2, S-224 67 Lund (SE). AHRNÉ, Siv
[SE/SE]; Domarevägen 19, S-237 00 Bjärred
(SE). JEPSSON, Bengt [SE/SE]; Mätare-
gränden 8, S-226 47 Lund (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).

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(51)⁷ C12N 1/20

(11) WO 2004/087894 (13) A2

(21) PCT/US2004/009557

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/459,471 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ENGINEERED BACTERIAL AGGRE-
GATES

• AGREGATS BACTERIENS MIS AU
POINT

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

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les États désignés sauf US)

(72, 75) GILBERT, Peter [GB/GB]; 1525 Howe
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Alexander, H. [GB/GB]; 1525 Howe Street,
Racine, WI 53403 (US).

(74) BAKER, Jean, C.; 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 1/21
(11) WO 2004/087895 (13) A1
(21) PCT/KR2004/000778
(22) 2 Apr/avr 2004 (02.04.2004)
(25) en (26) en
(30) 10-2003-0021458 4 Apr/avr 2003 KR (04.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • tdcBC/pckA GENE-INACTIVATED MICROORGANISM AND METHOD OF PRODUCING L-THREONINE USING THE SAME
• MICRO-ORGANISME COMPRENANT DES GENES INACTIVES TDCBC/PCKA ET METHODE DE PREPARATION DE L-THREONINE AU MOYEN DE CE MICRO-ORGANISME
(71) CJ CORP. [KR/KR]; 500, Namdaemunno 5-ga, Jung-gu, 100-802 Seoul (KR).
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(72, 75) PARK, Young Hoon [KR/KR]; #111-102, Mujigae Daclim Apt., Gumi-dong, Bundang-gu,, Seongnam-si, 463-703 Gyeonggi-do (KR). LEE, Byoung Choon [KR/KR]; #203, 160-28 Anam-dong 5-ga, Seongbuk-gu, 136-075 Seoul (KR). KIM, Dae Cheol [KR/KR]; #201-302, Hwanggol Maoul Shinmyung Apt., 1054-3 Yeongtong-dong,, Paldal-gu, Suwon-si, 442-746 Gyeonggi-do (KR). LEE, Jin Ho [KR/KR]; #101-1611, Pungsan Apt., Songjeong-dong, Icheon-si, 467-711 Gyeonggi-do (KR). CHO, Jae Yong [KR/KR]; #505-802, Manhyun Maoul Hyundai IPARK, Sanghyun-dong, Yongin-si, 449-843 Gyeonggi-do (KR).
(74) SON, Min; 19th Floor, City Air Tower, 159-9 Samsung-dong, Kangnam-gu, Seoul 135-973 (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)⁷ C12N 5/00
(11) WO 2004/087896 (13) A2
(21) PCT/IB2004/000906
(22) 18 Mar/mar 2004 (18.03.2004)
(25) en (26) en
(30) 60/459,449 31 Mar/mar 2003 US (31.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
- (54) • GROWTH AND DIFFERENTIATION OF STEM CELLS
• MISE EN CROISSANCE ET DIFFERENCIATION DE CELLULES SOUCHES
(71) PFIZER PRODUCTS INC. [US/US]; Eastern Point Road, Groton, CT 06340 (US).
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(72, 75) ROACH, Marsha, Lynn [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). HAMBOR, John, Edward [FR/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).
(74) LUMB, J., Trevor; c/o LAWRENCE, Jackie, Pfizer Inc., MS8260-1615, 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)⁷ C12N 5/00, A61F 2/14, A61L 27/00
(11) WO 2004/087897 (13) A1
(21) PCT/JP2004/003848
(22) 22 Mar/mar 2004 (22.03.2004)
(25) ja (26) ja
(30) 2003-096002 31 Mar/mar 2003 JP (31.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • METHOD OF PRODUCING LENS CELL AND LENS CELL OBTAINED BY THE METHOD
• PROCEDE DE PRODUCTION DE CELLULES DU CRISTALLIN, ET CELLULES DU CRISTALLIN OBTENUES PAR CE PROCEDE
(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) TAKAHASHI, MasayoSASAI, YoshikiKAWASAKI, HiroshiOOTO, Sotaro
(74) HARA, Kenzo; HARAKENZO WORLD PATENT & TRADEMARK PATENT LAW FIRM, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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.
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- (51)⁷ C12N 5/08, A61K 35/14, A61P 37/06
(11) WO 2004/087899 (13) A1
(21) PCT/FR2004/000770
(22) 26 Mar/mar 2004 (26.03.2004)
(25) fr (26) fr
(30) 03/03700 26 Mar/mar 2003 FR (26.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • METHOD FOR OBTAINING REGULATING DENDRITIC CELLS AND T CELLS
• PROCEDE D'OBTENTION DE CELLULES DENDRITIQUES ET DE CELLULES T REGULATRICES
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 5/00
(11) WO 2004/087899 (13) A1
(21) PCT/JP2004/004519
(22) 30 Mar/mar 2004 (30.03.2004)
(25) ja (26) ja
(30) 2003-096169 31 Mar/mar 2003 JP (31.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • METHOD OF TRANSPLANTING FOREIGN CELL INTO MAMMALIAN EMBRYO
• METHODE DE TRANSPLANTATION D'UNE CELLULE ETRANGERE DANS UN EMBRYON MAMMALIEN
(71) JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE [JP/JP]; 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto, 8608568 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) KUWANA, Takashi [JP/JP]; 3-46, Obiyama 9-chome, Kumamoto-shi, Kumamoto, 8620924 (JP).
(74) HIRAKI, Yusuke et al. / etc.; Toranomom No.5 Mori Building Third Floor, 17-1, 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).
-

(71) TXCELL [FR/FR]; Route de Saint Antoine de Ginestière, Bâtiment Arc, Hôpital de l'Archet, F-06200 Nice (FR).
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(72, 75) GROUX, Hervé [FR/FR]; 27, allée des Colibris, F-06410 Biot (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 VN YU ZA ZM ZW.

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

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(51)⁷ C12N 7/04, 15/866, A61K 39/12

(11) WO 2004/087900 (13) A1

(21) PCT/ES2004/000147

(22) 31 Mar/mar 2004 (31.03.2004)

(25) es (26) es

(30) P 2003 00751 31 Mar/mar 2003 ES (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPLETE EMPTY VIRAL PARTICLES OF INFECTIOUS BURSAL DISEASE VIRUS (IBDV), PRODUCTION METHOD THEREOF AND APPLICATIONS OF SAME

• PARTICULES VIRALES VIDES COMPLETES DU VIRUS DE LA BURSITE INFECTIEUSE (IBDV), PROCEDE DE PRODUCTION ET APPLICATIONS CORRESPONDANTES

(71) CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS [ES/ES]; Serrano, 117, E-28006 Madrid (ES). BIONOSTRA, S.L. [ES/ES]; Ronda de Poniente, 4, E-28760 Tres Cantos (ES).

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(72, 75) RODRIGUEZ AGUIRRE, José, Francisco [ES/ES]; Consejo Superior de Investigaciones Científicas, Serrano, 117, E-28006 Madrid (ES). GONZALES DE LLANO, Dolores [ES/ES]; Consejo Superior de Investigaciones Científicas, Serrano, 117, E-28006 Madrid (ES). OÑA BLANCO, Ana, Maria [ES/ES]; Consejo Superior de Investigaciones Científicas, Serrano, 117, E-28006 Madrid (ES). ABAITUA ELUSTONDO, Fernando [ES/ES]; Consejo Superior de Investigaciones Científicas, Serrano, 117, E-28006 Madrid (ES). MARAVER MOLINA, Antonio [ES/ES]; Consejo Superior de Investigaciones Científicas, Serrano, 117, E-28006 Madrid (ES). CLEMENTE CERVERA, Roberto [ES/ES]; Consejo Superior de Investigaciones Científicas, Serrano, 117, E-28006 Madrid (ES). RUIZ

CASTÓN, José [ES/ES]; Consejo Superior de Investigaciones Científicas, Serrano, 117, E-28006 Madrid (ES). RODRIGUEZ FERNANDEZ-ALBA, Juan, Ramón [ES/ES]; Consejo Superior de Investigaciones Científicas, Serrano, 117, E-28006 Madrid (ES).

(74) ARIAS SANZ, Juan; ABG Patentes, S.L., Orense, 16, E-28020 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 VN YU ZA ZM ZW.

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

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(51)⁷ C12N 9/00

(11) WO 2004/087901 (13) A2

(21) PCT/US2004/009020

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/456,958 25 Mar/mar 2003 US (25.03.2003)

(30) 60/491,251 31 Jul/juil 2003 US (31.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL BRAIN-LOCALIZED PROTEIN KINASES HOMOLOGOUS TO HOMEODOMAIN-INTERACTING PROTEIN KINASES

• NOUVELLES PROTEINES KINASES LOCALISEES DANS LE CERVEAU HOMOLOGUES DE PROTEINES KINASES INTERAGISSANT AVEC L'HOMÉODOMAINE

(71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72, 75) LIU, Wei [CN/US]; 73 Blackmer Road, Sudbury, MA 01776 (US). OZENBERGER, Bradley, A. [US/US]; 8 Eagleton Farms Road, Newton, PA 18940 (US). WU, Leeyang [US/US]; 65 Carey Avenue, Lexington, MA 02421 (US). LO, Ching-Hsiung, Frederick [US/US]; 25 Manley Road, Pennington, NJ 08534 (US). HANEY, Steven, A. [US/US]; 72 Adams Road, Concord, MA 01742 (US). SOOKDEO, Hemchand [US/US]; 5 Surrey Lane, Natick, MA 01760 (US). LEE, Jee, Hyung [US/US]; 745 East 6th Street, Apt. 14, Boston, MA 02127 (US).

(74) MANDRA, Raymond, R. et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ C12N 9/10, 15/82, C12P 7/64, A01H 5/00

(11) WO 2004/087902 (13) A2

(21) PCT/EP2004/003224

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 14 759.4 31 Mar/mar 2003 DE (31.03.2003)

(30) 103 48 996.7 17 Oct/oct 2003 DE (17.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL PLANT ACYLTRANSFERASES SPECIFIC FOR LONG-CHAINED, MULTIPLY UNSATURATED FATTY ACIDS

• NOUVELLES ACYLTRANSFERASES VEGETALES SPECIFIQUES POUR ACIDES GRAS A LONGUE CHAÎNE POLYINSATURÉS

(71) UNIVERSITY OF BRISTOL [GB/GB]; Senate House, 3rd Floor, Tyndall Avenue, Bristol BS8 1TH (GB).

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(72, 75) RENZ, Andreas [DE/DE]; Heinrich-von-Kleist-Str. 6, 67117 Limburg-erhof (DE). BAUER, Jörg [DE/DE]; Friedrich-Profit-Str. 56, 67063 Ludwigshafen (DE). FRENTZEN, Margit [DE/DE]; Worringeweg 1, 52072 Aachen (DE). SÖZER, Nursen [DE/DE]; Klosterstr. 38a, 52531 Übach-Palenberg (DE). KEITH, Stobart [GB/GB]; 6 Julius Road, Bishopston, Bristol BS7 8EN (GB). FRASER, Thomas [GB/GB]; 19 Pyecroft Ave, Henleaze, Bristol BS9 4NL (GB). LAZARUS, Colin, M. [GB/GB]; 119 York Road, Montpellier, Bristol BS6 5QG (GB). QI, Baoxiu [GB/GB]; 4 Cumberland House, Norfolk Crescent, Bath BA1 2BG (GB). ABBADI, Amine [DE/DE]; Lübbersmeyer Weg 26, 22549 Hamburg (DE). HEINZ, Ernst [DE/DE]; Puttkampsweg 13, 22609 Hamburg (DE).

(74) PRESSLER, Uwe; 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)⁷ C12N 9/12

(11) WO 2004/087903 (13) A2

(21) PCT/US2004/009487

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/457,928 28 Mar/mar 2003 US
(28.03.2003)(30) 60/491,283 31 Jul/juil 2003 US
(31.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL PROTEINS HOMOLOGOUS
TO KINASE SUPPRESSOR OF RAS• PROTEINES HOMOLOGUES DU KI-
NASE SUPPRESSEUR DE RAS(71) WYETH [US/US]; Five Giralda Farms,
Madison, NJ 07940 (US).(72, 75) LIU, Wei [CN/US]; 73 Blackmer Road,
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patrick, Cella, Harper & Scinto, 30 Rocke-
feller Plaza, New York, NY 10112-3801 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C12N 9/14, C07K 14/47, G01N 33/53

(11) WO 2004/087904 (13) A1

(21) PCT/GB2004/001444

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307531.4 1 Apr/avr 2003 GB
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CRYSTAL STRUCTURE OF BOVINE
APTASE F1-IF1 COMPLEX AND ITS
USE• STRUCTURE CRISTALLINE DE
COMPLEXE D'ATP-SYNTASE
F<SB>1</SB>/F<SB>1</SB> BOVIN
ET SON UTILISATION(71) MEDICAL RESEARCH COUNCIL
[GB/GB]; 20 Park Crescent, London, Greater
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les États désignés sauf US)*(72, 75) WALKER, John E. [GB/GB]; The
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HILL, Jonathan [GB/GB]; The Medical Re-
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2XY (GB).(74) BRASNETT, Adrian et al. / etc.; Mewburn
Ellis LLP, York House, 23 Kingsway, Lon-
don, 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).

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(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,749 2 Apr/avr 2003 US
(02.04.2003)(30) 60/468,543 7 May/mai 2003 US
(07.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHARMACEUTICAL COMPOUNDS

• COMPOSES PHARMACEUTIQUES

(71) ASTEX TECHNOLOGY LIMITED
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0QA (GB).(74) HUTCHINS, Michael, Richard; M.R.
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Wells, Kent TN1 1TZ (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 KRKZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ C12N 9/16, A61K 31/00, G01N 33/68

(11) WO 2004/087906 (13) A1

(21) PCT/IB2004/000761

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 60/458,946 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CRYSTAL STRUCTURE OF 3',5'-
CYCLIC NUCLEOTIDE PHOSPHO-
DIESTERASE 1B (PDE1B) AND USES
THEREOF• STRUCTURE CRISTALLINE
DE 3',5'-PHOSPHODIESTERASE
NUCLEOTIDIQUE CYCLIQUE
ID(PDE1B) ET SES UTILISATIONS(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) PANDIT, Jayvardhan [US/US]; Pfizer
Global Research and Development, Eastern
Point Road, Groton, CT 06340 (US).(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc.,
201 Tabor Road, Morris Plains, NJ 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).

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(25) en (26) en

(30) 60/459,053 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CRYSTAL STRUCTURE OF STREP-
TOCOCCUS UNDECAPRENYL PY-
ROPHOSPHATE SYNTHASE AND
USES THEREOF

- STRUCTURE CRISTALLINE DE L'UN-
DECAPRENYL PYROPHOSPHATE
SYNTHASE DE *STREPTOCOCCUS* ET
SES UTILISATIONS
- (71) **PFIZER PRODUCTS INC.** [US/US]; East-
ern Point Road, Groton, CT 06340 (US).
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les États désignés sauf US)*
- (72, 75) **FENNEL, Kimberly, Furlong**
[US/US]; Pfizer Global Research & De-
velopment, Eastern Point Road, Groton, CT
06340 (US). **MANSOUR, Mahmoud, Naim**
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opment, Eastern Point Road, Groton, CT
06340 (US). **QIU, Xiayang** [US/US]; Pfizer
Global Research & Development, Eastern
Point Road, Groton, CT 06340 (US).
- (74) **LUMB, J., Trevor et al.** / etc.; c/o
LAWRENCE, Jackie, Pfizer Inc., Eastern
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 VC
VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ C12N 15/00, C12Q 1/68
- (11) **WO 2004/087908** (13) A1
- (21) PCT/JP2003/003984
- (22) **28 Mar/mar 2003 (28.03.2003)**
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OF REGENERATING MI-
CROARRAY AND REAGENT KIT FOR
REGENERATING MICROARRAY
- METHODE ET TROUSSE DE REAC-
TIFS PERMETTANT DE REGENERER
UN JEU ORDONNE DE MICROE-
CHANTILLONS
- (71) **HITACHI HIGH-TECHNOLO-
GIES CORPORATION** [JP/JP]; 24-14,
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105-8717 (JP).
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les États désignés sauf US)*
- (72, 75) **MATSUI, Takuya** [JP/JP]; c/o Design
& Manufacturing Group, Naka Division,
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Ichige, Hitachinaka-shi, Ibaraki 312-8504
(JP). **MIYAHARA, Yuji** [JP/JP]; c/o Design
& Manufacturing Group, Naka Division,
Hitachi High-Technologies Corporation, 882,
Ichige, Hitachinaka-shi, Ibaraki 312-8504
(JP).
- (74) **HIRAKI, Yusuke**; Toranomon No.5 Mori
Building Third Floor, 17-1, Toranomon
1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN JP 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).
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- (51)⁷ C12N 15/00, A01H 5/00, C12N 1/19, 1/21,
9/88, C12P 17/02
- (11) **WO 2004/087909** (13) A1
- (21) PCT/JP2004/004214
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) ja (26) ja
- (30) 2003-092337 **28 Mar/mar 2003 JP**
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • POLYNUCLEOTIDE ENCODING
2-HYDROXYISOFLAVANONE DE-
HYDRATASE AND APPLICATION OF
THE SAME
- POLYNUCLEOTIDE CODANT UNE
2-HYDROXYISOFLAVANONE DEHY-
DRATASE ET APPLICATION
- (71) **NIHON UNIVERSITY** [JP/JP]; 8-24, Ku-
dan-Minami 4-chome, Chiyoda-ku, Tokyo,
1028275 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **AYABE, Shin-ichi** [JP/JP]; c/o Nihon
University, 8-24, Kudan-Minami 4-chome,
Chiyoda-ku, Tokyo, 1028275 (JP). **AKASHI,
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4-chome, Chiyoda-ku, Tokyo, 1028275 (JP).
- (74) **FUJINO, Seiya**; Toranomon Nakata Bldg.
4F, 7-7, Toranomon 2-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)⁷ C12N 15/00, A01H 5/00, C07K 14/605
- (11) **WO 2004/087910** (13) A1
- (21) PCT/JP2004/004382
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) ja (26) ja
- (30) 2003-092827 **28 Mar/mar 2003 JP**
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR PRODUCING PLANT
STORAGE ORGAN WITH HIGH PRO-
DUCTION OF RECOMBINANT PRO-
TEIN AND NOVEL RECOMBINANT
PROTEIN
- PROCEDE DE PRODUCTION D'UN
ORGANE DE STOCKAGE VEGETAL
AVEC UNE PRODUCTION ELEVEE DE
PROTEINES DE RECOMBINAISON ET
NOUVELLE PROTEINE DE RECOM-
BINAISON
- (71) **NATIONAL INSTITUTE OF AGROBI-
OLOGICAL SCIENCES** [JP/JP]; 2-1-2,
Kannondai, Tsukuba-shi, Ibaraki 305-8602
(JP). **NATIONAL AGRICULTURE AND
BIO-ORIENTED RESEARCH ORGAN-
IZATION** [JP/JP]; 1-40-2, Nisshin-cho,
Kita-ku, Saitama 331-0044 (JP). **NIPPON
PAPER INDUSTRIES CO., LTD.** [JP/JP];
1-4-1, Oji, Kita-ku, Tokyo 114-0002 (JP).
**SANWA KAGAKU KENKYUSHO CO.,
LTD.** [JP/JP]; 35, Higashisotobori-cho, Hi-
gashi-ku, Nagoya-shi, Aichi 461-8631 (JP).
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les États désignés sauf US)*
- (72, 75) **SUGITA, Koichi** [JP/JP]; c/o Forestry
Science Laboratory Of Nippon Paper Indus-
tries Co., Ltd, 5-21-1, Oji, Kita-ku, Tokyo
114-0002 (JP). **KASAHARA, Saori** [JP/JP];
c/o Forestry Science Laboratory Of Nip-
pon Paper Industries Co., Ltd, 5-21-1, Oji,
Kita-ku, Tokyo 114-0002 (JP). **EBINUMA,
Hiroyasu** [JP/JP]; c/o Forestry Science Lab-
oratory Of Nippon Paper Industries Co., Ltd,
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TAKAIWA, Humio [JP/JP]; c/o National
Institute of Agrobiological Sciences, 2-1-2,
Kannondai, Tsukuba-shi, Ibaraki 305-8602
(JP). **JOMORI, Takahito** [JP/JP]; c/o Sanwa
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tobori-cho, Higashi-ku, Nagoya-shi, Aichi
461-8631 (JP). **HAYASHI, Yuji** [JP/JP]; c/o
Sanwa Kagaku Kenkyusho Co., Ltd., 35, Hi-
gashisotobori-cho, Higashi-ku, Nagoya-shi,
Aichi 461-8631 (JP). **TASHITA, Akira**
[JP/JP]; c/o Sanwa Kagaku Kenkyusho Co.,
Ltd., 35, Higashisotobori-cho, Higashi-ku,
Nagoya-shi, Aichi 461-8631 (JP). **KO-
BARA, Yukari** [JP/JP]; c/o Sanwa Kagaku
Kenkyusho Co., Ltd., 35, Higashisoto-
bori-cho, Higashi-ku, Nagoya-shi, Aichi
461-8631 (JP).
- (74) **OZAWA, Seiji**; 3F, Wakabayashi Bldg.,
8-5, 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)⁷ C12N 15/08, C12P 21/08
- (11) **WO 2004/087911** (13) A1
- (21) PCT/JP2004/004274
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) ja (26) ja
- (30) 2003-089725 **28 Mar/mar 2003 JP**
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD OF CONSTRUCTING HYBRIDOMA PRODUCING ANTIGEN-SPECIFIC ANTIBODY USING SINGLE ANTIGEN-SPECIFIC B LYMPHOCYTE AND METHOD OF PRODUCING MONOCLONAL ANTIBODY
- METHODE DE FORMATION D'HYBRIDOME PRODUISANT UN ANTICORPS SPECIFIQUE DE L'ANTIGENE, A L'AIDE D'UN SEUL LYMPHOCYTE B SPECIFIQUE DE L'ANTIGENE ET METHODE DE PRODUCTION D'ANTICORPS MONOCLONAL

(71) TOYAMA NEW INDUSTRY ORGANIZATION [JP/JP]; 529, Takata, Toyama-shi, Toyama 9300866 (JP).

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

(71, 72) MURAGUCHI, Atsushi [JP/JP]; 1-108-1301, Meirin-cho, Toyama-shi, Toyama 9300001 (JP). KISHI, Hiroyuki [JP/JP]; 2556-4-3-101, Gofuku-suehiro-machi, Toyama-shi, Toyama 9300884 (JP). TAMIYA, Eiichi [JP/JP]; Heiwa Lodgings C58-13, 3-17-14, Heiwa-machi, Kanazawa-shi, Ishikawa 9218105 (JP). SUZUKI, Masayasu [JP/JP]; 18-4-54, Nagae-hon-machi, Toyama-shi, Toyama 9300962 (JP).

(72, 75) TOHBO, Kihachiro [JP/JP]; 2-5-13, Izumi-cho, Toyama-shi, Toyama 9300042 (JP). UENO, Minoru [JP/JP]; 1-6, Hori-hata-machi, Toyama-shi, Toyama 9300074 (JP). NAKAZATO, Hiroyoshi [JP/JP]; 87-5, Oizumi, Toyama-shi, Toyama 9398058 (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 VN YU ZA ZM ZW.

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

(51)⁷ C12N 15/09, 15/15, C12P 21/02, A61K 37/64, C12N 9/64

(11) WO 2004/087912 (13) A1

(21) PCT/IB2004/001040

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,345 4 Apr/avr 2003 US (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INHIBITOR PROTEINS OF A PROTEASE AND USE THEREOF

• PROTEINES INHIBITRICES D'UNE PROTEASE ET LEURS UTILISATIONS

(71) UNIVERSITÉ DE LAUSANNE [CH/CH]; Rue du Bugnon 21, CH-1005 Lausanne (CH).

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(72, 75) DEPERTHES, David [FR/CH]; 15a Chemin de Varmey, CH-1299 Crans-pres-Celigny (CH). CLOUTIER, Sylvain [CA/CH]; 63 Chemin de Boissonnet, CH-1010 Lausanne (CH).

(74) KATZAROV S.A.; 19, rue des Epinettes, CH-1227 Genève (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 VN YU ZA ZM ZW.

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

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(51)⁷ C12N 15/09, C07K 1/06, 14/00, 19/00, C12P 21/02

(11) WO 2004/087913 (13) A1

(21) PCT/JP2004/002649

(22) 3 Mar/mar 2004 (03.03.2004)

(25) ja (26) ja

(30) 2003/97283 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PRODUCING MODIFIED POLYPEPTIDE

• PROCEDE DE PRODUCTION DE POLYPEPTIDE MODIFIE

(71) RIKEN [JP/JP]; 2-1, Hirose, Wako-shi, Saitama 351-0198 (JP).

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(72, 75) YOKOYAMA, Shigeyuki [JP/JP]; c/o Riken Yokohama Institute, 7-22, Suchiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0045 (JP). SAKAMOTO, Ken-saku [JP/JP]; c/o Riken Yokohama Institute, 7-22, Suchiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0045 (JP). KODAMA, Koichiro [JP/JP]; c/o Riken Yokohama Institute, 7-22, Suchiro-cho 1-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0045 (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 VN YU ZA ZM ZW.

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

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

(51)⁷ C12N 15/09, C12P 21/08

(11) WO 2004/087914 (13) A1

(21) PCT/JP2004/004113

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-096505 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF CONSTRUCTING ANTIBODY

• PROCEDE DE CONSTRUCTION D'UN ANTICORPS

(71) INSTITUTE FOR ANTIBODIES CO. LTD. [JP/JP]; 5F, Sumitomoshouji Bldg., 3-5-10, Marunouchi, Naka-ku, Nagoya-shi Aichi, 4600002 (JP).

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(72, 75) MORINO, Kazuhiko [JP/JP]; 301, Soleado Sasahara, 21-14, Sasahara, Nishigawa-cho, Toyoake-shi Aichi, 4701123 (JP).

(74) KONISHI, Tomimasa et al. / etc.; 7F, Marunouchi Estate Bldg. 17-12, Marunouchi 2-chome, Naka-ku, Nagoya-shi, Aichi, 4600002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ C12N 15/09, C07K 14/47, A61K 38/17, A61P 37/08

(11) WO 2004/087915 (13) A1

(21) PCT/JP2004/004184

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-091819 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEB MODIFICATION AND PREVENTIVE/REMEDY FOR DISEASES WITH IMMUNE ABNORMALITY CONTAINING THE SAME

• MODIFICATION DE L'ENTEROTOXINE B STAPHYLOCOCCIQUE ET PREVENTION/REMEDE CONTRE DES MALADIES A ANOMALIE IMMUNITAIRE LA CONTENANT

(71) JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE [JP/JP]; 6-1,

- Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). **KOWA COMPANY, LTD.** [JP/JP]; 6-29, Nishiki 3-chome, Naka-ku, Nagoya-shi, Aichi 460-8625 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKASHIMA, Toshihiro** [JP/JP]; c/o Juridical Foundation The Chemo-Sero-Therapeutic Research Institute Kikuchi Research Center, 1314-1, Yonnonishioki, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP). **SASAKI, Takumi** [JP/JP]; c/o Juridical Foundation The Chemo-Sero-Therapeutic Research Institute Kikuchi Research Center, 1314-1, Yonnonishioki, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP). **KIMACHI, Kazuhiko** [JP/JP]; c/o Juridical Foundation The Chemo-Sero-Therapeutic Research Institute Kikuchi Research Center, 1314-1, Yonnonishioki, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP). **NISHIHARA, Tsukasa** [JP/JP]; c/o Juridical Foundation The Chemo-Sero-Therapeutic Research Institute Kikuchi Research Center, 1314-1, Yonnonishioki, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP). **SAKATA, Atsuko** [JP/JP]; 1604, Yomogimachi, Kumamoto-shi, Kumamoto 861-5515 (JP). **OGUCHI, Masao** [JP/JP]; 3-9-5, Nakaarai, Tokorozawa-shi, Saitama 359-0041 (JP). **KOSHI, Tomoyuki** [JP/JP]; 2-4-4-206, Tate, Shiki-shi, Saitama 353-0006 (JP). **EDANO, Toshiyuki** [JP/JP]; 1-3-15, Senbomachi, Kawagoe-shi, Saitama 350-0034 (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).
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- (51)⁷ C12N 15/09
- (11) **WO 2004/087916** (13) A1
- (21) PCT/JP2004/004458
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) ja (26) ja
- (30) 2003-091373 **28 Mar/mar 2003 JP (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OF SYNTHESIZING cDNA
• METHODE DE SYNTHÈSE D'UN ADNC
- (71) **JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF NATIONAL REHABILITATION CENTER FOR PERSONS WITH DISABILITIES** [JP/JP]; 4-1, Namiki, Tokorozawa-shi, Saitama 359-8555 (JP). **HITACHI INSTRUMENTS SERVICE CO., LTD.** [JP/JP]; 28-8, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **KATO, Seishi** [JP/JP]; 46-50, Wakamatsu 3-chome, Sagami-hara-shi, Kanagawa 229-0014 (JP).
- (72, 75) **KIMURA, Tomoko** [JP/JP]; 715, Esu-aieru Tsuchiura, 9-1, Kohoku 2-chome, Tsuchiura-shi, Ibaraki 300-0032 (JP). **OHTOKO, Kuniyo** [JP/JP]; 205, Ridia Mezon, 13-9, Miyuki-cho, Tokorozawa-shi, Saitama 359-1115 (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).
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- (51)⁷ C12N 15/09, C07K 14/47, C12N 15/11, 1/15, 1/19, 1/21, 5/10, C12P 21/00, A61K 38/17, A61P 35/00
- (11) **WO 2004/087917** (13) A1
- (21) PCT/JP2004/004523
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) ja (26) ja
- (30) 2003-093342 **31 Mar/mar 2003 JP (31.03.2003)**
- (30) 2003-349109 **8 Oct/oct 2003 JP (08.10.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • THIOREDOXIN MODIFICATION
• THIOREDOXINE MODIFIÉE
- (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) **ISHII, Yasuyuki** [JP/JP]; c/o Kansai Center of NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka, 5638577 (JP). **YODOI, Junji** [JP/JP]; c/o Kansai Center of NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka, 5638577 (JP). **NAKAMURA, Hajime** [JP/JP]; 2-6-3, Namiki, Kuzuha, Hirakata-shi, Osaka, 5731118 (JP). **KONDO, Norihiko** [JP/JP]; c/o Kansai Center of NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY, 8-31, Midorigaoka 1-chome, Ikeda-shi, Osaka, 5638577 (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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 15/10
- (11) **WO 2004/087918** (13) A2
- (21) PCT/FR2004/000744
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) fr (26) fr
- (30) 03/03910 **28 Mar/mar 2003 FR (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR THE IN VIVO MODIFICATION OF THE SYNTHESIS ACTIVITY OF A METABOLITE BY MEANS OF THE MODIFICATION OF A GENE THE ACTIVITY OF WHICH IS NOT THE ORIGINAL ACTIVITY
• PROCÉDE DE MODIFICATION IN VIVO DE L'ACTIVITÉ DE SYNTHÈSE D'UN MÉTABOLITE PAR MODIFICATION D'UN GÈNE DONT L'ACTIVITÉ N'EST PAS L'ACTIVITÉ ORIGINELLE
- (71) **INSTITUT PASTEUR** [FR/FR]; 25-28, rue du Docteur Roux, F-75015 Paris (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)** [FR/FR]; 3, rue Michel Ange, F-75016 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAMINSKI, Pierre-Alexandre** [FR/FR]; 4, rue Bailly, F-75003 Paris (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).
- (51)⁷ C12N 15/10, C12Q 1/68, G01N 33/543,
37/00, 21/64
- (11) WO 2004/087919 (13) A1
- (21) PCT/JP2004/004102
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-089494 28 Mar/mar 2003 JP
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OF OBTAINING APTAMER
WITH THE USE OF MICROARRAY
- METHODE PERMETTANT
D'OBTENIR UN APTAMERE A
L'AIDE D'UN JEU ORDONNE DE
MICROECHANTILLONS
- (71) NATIONAL INSTITUTE OF AD-
VANCED INDUSTRIAL SCIENCE
AND TECHNOLOGY [JP/JP]; 3-1, Ka-
sumigasaki 1-chome, Chiyoda-ku, Tokyo,
1008921 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) ASAI, Ryoichi [JP/JP]; c/o NATIONAL
INSTITUTE OF ADVANCED INDUS-
TRIAL SCIENCE AND TECHNOLOGY,
2-41-6, Aomi, Koto-ku, Tokyo, 1350064
(JP). NISHIMURA, Shinichiro [JP/JP];
c/o NATIONAL INSTITUTE OF AD-
VANCED INDUSTRIAL SCIENCE AND
TECHNOLOGY, 2-41-6, Aomi, Koto-ku,
Tokyo, 1350064 (JP). TAKAHASHI, Kat-
sutoshi [JP/JP]; c/o NATIONAL INSTI-
TUTE OF ADVANCED INDUSTRIAL
SCIENCE AND TECHNOLOGY, 2-41-6,
Aomi, Koto-ku, Tokyo, 1350064 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ C12N 15/12, C07K 14/82, 16/32, G01N
33/574, C12Q 1/68, A61K 31/711, 39/395,
48/00, A61P 35/00
- (11) WO 2004/087921 (13) A1
- (21) PCT/JP2004/004424
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) ja (26) ja
- (30) 2003-096201 31 Mar/mar 2003 JP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • HUMAN SOLID CANCER ANTIGEN
PEPTIDES, POLYNUCLEOTIDES EN-
CODING THE SAME AND UTILIZA-
TION THEREOF
- PEPTIDES ANTIGENIQUES DE CAN-
CER SOLIDE D'ORIGINE HUMAINE,
POLYNUCLEOTIDES CODANT CES
PEPTIDES ET UTILISATION DE CES
DERNIERS
- (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). OCHIAI, Takenori [JP/JP]; 7-15,
Shiomigaoka, Chuo-ku, Chiba-shi, Chiba
2600034 (JP). TAKIGUCHI, Masaki
[JP/JP]; 1-14-17-107, Maebarahigashi, Fun-
abashi-shi, Chiba 2740824 (JP). HIWASA,
Takaki [JP/JP]; 1063-28, Hoshigukicho,
Chuo-ku, Chiba-shi, Chiba 2600808 (JP).
TOMONAGA, Takeshi [JP/JP]; 540-69, Ya-
hagicho, Chuo-ku, Chiba-shi, Chiba 2600851
(JP). MATSUSHITA, Kazuyuki [JP/JP];
540-36, Yahagicho, Chuo-ku, Chiba-shi,
Chiba 2600851 (JP). NOMURA, Fumio
[JP/JP]; 1-20-11, Tsuganodai, Wakaba-ku,
Chiba-shi, Chiba 2640033 (JP).
- (74) HIRAKI, Yusuke et al. / etc.; Toranomon
No.5 Mori Building Third Floor, 17-1, Tora-
nomon 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)⁷ C12N 15/29, C07K 14/415, A01H 1/00,
A61K 38/00
- (11) WO 2004/087922 (13) A1
- (21) PCT/IB2003/001241
- (22) 2 Apr/avr 2003 (02.04.2003)
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ISOLATION OF A NOVEL BLUE COP-
PER PROTEIN GENE FROM RICE
COMBATING SALINITY STRESS
AND POSSESSING AGRONOMIC,
NUTRACEUTICAL AND COSMACEU-
TICAL PROPERTIES
- ISOLEMENT D'UN GENE NOUVEAU
D'UNE PROTEINE AZURINE DU RIZ
QUI COMBAT LE STRESS DU A LA
SALINITE ET QUI POSSEDE DES PRO-
PRIETES AGRONOMIQUES, NUTRA-
CEUTIQUES ET COSMETIQUES
- (71) AVESSTA GENGRAINE TECHNOLO-
GIES PVT. LTD. [IN/IN]; "Discoverer",
9th floor, Unit 3, International Tech Park,
Whitefield Road, Bangalore 560 066 (IN).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) PATELL, Morawala, Viloo [IN/IN];
Avestha Gengraine Technologies Pvt.Ltd.,
Discoverer, 9th floor, Unit 3, Internation Tech
Park, Whitefield Road, Bangalore 560 066
(IN).
- (81) CA CN GB IN JP US.
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ C12N 15/29
- (11) WO 2004/087923 (13) A1
- (21) PCT/KR2003/001936
- (22) 23 Sep/sep 2003 (23.09.2003)
- (25) ko (26) en
- (30) 10-2003-0020269 31 Mar/mar 2003 KR
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • A NEW STRESS-RESISTANCE
TRANSCRIPTION FACTOR (CaPIF1
AND NbPIF1), ITS GENE AND
A STRESS-RESISTANCE PLANT
TRANSFECTED BY THE GENE
- (51)⁷ C12N 15/11, A61K 48/00
- (11) WO 2004/087920 (13) A1
- (21) PCT/IT2004/000117
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) it (26) en
- (30) RM2003 A 2 Apr/avr 2003 IT
000149 (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)

- NOUVEAU FACTEUR DE TRANSCRIPTION DE RESISTANCE AU STRESS (CAPIF1 ET NBPIF1), SON GENE ET VEGETAL RESISTANT AU STRESS TRANSFECTE PAR LEDIT GENE
- (71) KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY [KR/KR]; 52 Eoun-dong, Yuseong-gu, Daejeon 305-806 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHOI, Doil [KR/KR]; EXPO Apt 308-1504, Cheonmindae-dong, Yuseong-gu, Daejeon 305-761 (KR). OH, Sang-Keun [KR/KR]; Sambu Apt. 6-14, Taepyeong-dong, Joong-gu, Daejeon 301-773 (KR). JOUNG, Young Hee [KR/KR]; Hanbit Apt. 110-502, Eoun-dong, Yuseong-gu, Daejeon 305-755 (KR). LEE, Sanghyeob [KR/KR]; Saem-mury Apt. 220-1002, Dunsan-dong, Seo-gu, Daejeon 302-120 (KR). PARK, Jeong-Mee [KR/KR]; 103, 138-14 Shinseong-dong, Yuseong-gu, Daejeon 305-804 (KR).
- (74) LEE, Cheo Young; 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 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 NI NO NZ OM PG PH PL PT RO RU SC 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)⁷ C12N 15/31, C07K 14/79, C12N 15/87, 1/21, 15/74, A61K 48/00, 47/42, G01N 33/68
- (11) WO 2004/087924 (13) A2
- (21) PCT/EP2004/003414
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 03006900.9 31 Mar/mar 2003 EP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR DELIVERY OF SUBSTANCES TO INTRACELLULAR MICROORGANISMS
- PROCEDE D'APPORT DE SUBSTANCES A DES MICRO-ORGANISMES INTRACELLULAIRES
- (71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. [DE/DE]; Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MEYER, Thomas, F. [DE/DE]; Schumannstrasse 21/22, 10117 Berlin (DE). SZCZEPEK, Agnieszka [CA/DE]; Gervinusstr. 25, 10629 Berlin (DE). AL-YOUNES, Hesham [JO/DE]; Müllerstr. 162a, 13353 Berlin (DE). HEUER, Dagmar

[DE/DE]; Thurneyssestr. 4, 13357 Berlin (DE). DITTRICH, Michael [DE/DE]; Eichendorffstrasse 4, 38723 Seesen/Harz (DE).

(74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 Munich (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)⁷ C12N 15/55, 15/65, C07K 14/00, 1/13, G01N 33/68, A61P 31/04

(11) WO 2004/087925 (13) A1

(21) PCT/CN2004/000253

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/401,867 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MODIFIED BETA-LACTAMASES AND USES THEREOF

• BETA-LACTAMASES MODIFIEES ET LEURS UTILISATIONS

(71) THE HONG KONG POLYTECHNIC UNIVERSITY [CN/CN]; Hung Hom, Kowloon, Hong Kong SAR, N.A. (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WONG, Kwokyin [CN/CN]; c/o The Hong Kong Polytechnic University, Department of Applied Biology & Chemical Technology, Hung Hom, Kowloon, Hong Kong SAR, N.A. (CN). LEUNG, Thomas, Yunchung [CN/CN]; c/o The Hong Kong Polytechnic University, Department of Applied Biology & Chemical Technology, Hung Hom, Kowloon, Hong Kong SAR, N.A. (CN). CHAN, Pakho [CN/CN]; c/o The Hong Kong Polytechnic University, Department of Applied Biology & Chemical Technology, Hung Hom, Kowloon, Hong Kong SAR, N.A. (CN).

(74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENCY LTD.; No.40 North Sanhuanzhonglu Road, 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ C12N 15/67, A61K 48/00

(11) WO 2004/087926 (13) A1

(21) PCT/SG2004/000076

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/407,009 2 Apr/avr 2003 US (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PROMOTER CONSTRUCT FOR GENE EXPRESSION IN NEURONAL CELLS

• CONSTRUCTION DE PROMOTEUR POUR EXPRESSION GENIQUE DANS DES CELLULES NEURONALES

(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 20 Biopolis Way, #07-01, Centros, Singapore 138668 (SG).

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(72, 75) WANG, Shu [SE/SG]; 103 Clementi Road, Kent Vale Blk A, #05-07, Singapore 129788 (SG). LIU, Beihui [CN/SG]; Block 38, Dover Road, #03-277, Singapore 130038 (SG). WANG, Xu [CN/SG]; Block 702, West Coast Road, #13-355, Singapore 120702 (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)⁷ C12N 15/82, 9/14, A01H 5/00

(11) WO 2004/087927 (13) A1

(21) PCT/EP2004/050136

(22) 16 Feb/fév 2004 (16.02.2004)

(25) en (26) en

(30) 03075975.7 1 Apr/avr 2003 EP (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PLANTS HAVING MODIFIED GROWTH CHARACTERISTICS AND METHOD FOR MAKING THE SAME

• PLANTES PRESENTANT DES CARACTERISTIQUES DE CROISSANCE MODIFIEES ET LEUR METHODE DE FABRICATION

(71) **CROPDESIGN N.V.** [BE/BE]; Technologiepark 3, B-9052 Zwijnaarde (BE).
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(72, 75) **HATZFELD, Yves** [FR/FR]; rue des Postes 186, F-59000 Lille (FR).
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(74) **CROPDESIGN N.V.**; Technologiepark 3, B-9052 Zwijnaarde (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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ C12N 15/82

(11) WO 2004/087928 (13) A2

(21) PCT/GB2004/001416

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307294.9 29 Mar/mar 2003 GB (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRANSGENIC PLANT
• PLANTE TRANGENIQUE

(71) **UNIVERSITY OF SOUTHAMPTON** [GB/GB]; Highfield, Southampton, Hampshire SO17 1BJ (GB).

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

(72, 75) **ROTHWELL, Steven, Denis** [GB/GB]; Marriners Farm, Cheriton, Hampshire SO24 0QG (GB). **CLARKSON, Graham, John, Joseph** [GB/GB]; St. Helens, Ludwells Lane, Waltham Chase, Southampton SO32 2NP (GB). **DIXON, Mark, Stuart** [GB/GB]; School of Biological Sciences, University of Southampton, Biomedical Sciences Building, Basset Crescent East, Southampton SO16 7PX (GB). **TAYLOR, Gail** [Stateless / apatride/—]; Schhol of Biological Sciences, University of Southampton, Biomedical Sciences Building, Bassett Crescent East, Southampton (GB).

(74) **SANDERSON, James, Laurence et al.** / etc.; Sanderson & Co., 34 East Stockwell Street, Colchester, Essex C01 1ST (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)⁷ C12N 15/82

(11) WO 2004/087929 (13) A2

(21) PCT/IB2004/000970

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03290812.1 31 Mar/mar 2003 EP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PLANTS HAVING IMPROVED GROWTH CHARACTERISTICS AND A METHOD FOR MAKING THE SAME
• PLANTES A CARACTERISTIQUES DE CROISSANCE AMELIOREES ET LEUR PROCEDE DE PRODUCTION

(71) **CROPDESIGN N.V.** [BE/BE]; Technologiepark 3, B-9052 ZWIJNAARDE (BE). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)** [FR/FR]; 3, rue Michel Ange, F-75016 PARIS (FR).

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

(72, 75) **HORVATH, Gabor** [HU/HU]; Gát u. 6/A, H-6723 SZEGED, (HU). **TARAYRE, Sylvie** [FR/FR]; 203 Rue Raymond Losserand, F-75014 PARIS (FR). **KONDOROSI, Eva** [FR/FR]; 10 allée de la dame Alips, F-91190 GIF SUR YVETTE (FR). **FRANKARD, Valérie** [BE/BE]; Rue de Perce 78, B-1180 BRUXELLES (BE).

(74) **BERNASCONI, Jean et al.** / etc.; Cabinet LAVOIX, 2, Place d'Estienne d'Orves, F-75441 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)⁷ C12N 15/861, A61K 48/00

(11) WO 2004/087930 (13) A2

(21) PCT/US2004/009347

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,493 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ADENOVIRUS REPLICATION-COMPETENT VECTORS EXPRESSING TRAIL

• VECTEURS COMPETENTS POUR LA REPLICATION DE L'ADENOVIRUS

EXPRIMANT LE TRAIL (LIGAND INDUIRANT L'APOPTOSE APPARENTEE AU FACTEUR DE NECROSE DES TUMEURS)

(71) **SAINT LOUIS UNIVERSITY** [US/US]; 221 North Grand Blvd., St. Louis, MO 63103 (US).

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(72, 75) **WOLD, William** [CA/US]; 1609 Adgers Wharf Drive, Chesterfield, MO 63017 (US). **TOLLESFON, Ann** [US/US]; 9026 Philo Avenue, St. Louis, MO 63123 (US). **YING, Baoling** [CN/US]; 364 Windvoak Drive, Ballwin, MO 63021 (US).

(74) **BERESFORD, Sharon, A. et al.** / etc.; 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ C12N 15/87

(11) WO 2004/087931 (13) A1

(21) PCT/KR2003/000665

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONJUGATE FOR GENE TRANSFER COMPRISING OLIGONUCLEOTIDE AND HYDROPHILIC POLYMER, POLYELECTROLYTE COMPLEX MICELLES FORMED FROM THE CONJUGATE, AND METHODS FOR PREPARATION THEREOF

• CONJUGUE DE TRANSFERT DE GENES COMPRENANT UN OLIGONUCLEOTIDE ET UN POLYMERE HYDROPHILE, MICELLES D'UN COMPLEXE POLYELECTROLYTE FORMEES A PARTIR DU CONJUGUE, ET METHODES DE PREPARATION DU CONJUGUE

(71) **KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY** [KR/KR]; 373-1, Gusung-dong, Yuseong-gu, Daejeon 305-701 (KR).

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(72, 75) **JEONG, Ji Hoon** [KR/KR]; 102-401, Hyundai Apt., Daechi-dong, Kangnam-gu, Seoul 135-280 (KR). **PARK, Tae Gwan** [KR/KR]; 211-1501, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-761 (KR).

(74) **HWANG, E-Nam**; 507, 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 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).

(51)⁷ C12P

(11) WO 2004/087932 (13) A2

(21) PCT/IN2003/000239

(22) 14 Jul/juil 2003 (14.07.2003)

(25) en (26) en

(30) 278/MAS/2003 2 Apr/avr 2003 IN (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ENZYMATIC RESOLUTION OF (±) METHYL TRANS-3-PHENYL GLYCIDE
• RESOLUTION ENZYMATIQUE DE (±) METHYL TRANS-3-PHENYL GLYCIDE

(71) SHASUN CHEMICALS AND DRUGS LIMITED [IN/IN]; 60, Velachery Road, Chennai, 60042 Tamil Nadu (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DR. NAIR, Ranjith [IN/IN]; C-5, 404 Yamuna, Lok-gram, Kalyan (E), Dist. Thane, 421306 Maharashtra (IN). DR. KASI, Dhanalakshmi [IN/IN]; New No: 4, Old No: 11, Bazaar Road, II Lane, Mylapore, Madras, 600004 Tamilnadu (IN). MUTHURAMALINGAM, Somasundaram [IN/IN]; No. 15 Co-operative nagar, Semmangudi, Sirkali Taluk, Tamilnadu (IN).

(74) ANAND, Pravin et al. / etc.; Anand And Anand Advocates, B-41 Nizamuddin East, 110013 New Delhi (IN).

(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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE 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)⁷ C12P

(11) WO 2004/087933 (13) A2

(21) PCT/US2004/009530

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,470 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A NOVEL ENCODING METHOD FOR "ONE-BEAD ONE-COMPOUND" COMBINATORIAL LIBRARIES

• NOUVELLE METHODE DE CODAGE POUR DES BIBLIOTHEQUES COMBINATOIRES ≤ UNE BILLE/UN COMPOSE ≥

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Office of Technology Transfer, 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAM, Kit, S. [US/US]; 1524 Arena Drive, Davis, CA 95616 (US). SONG, Aimin [CN/US]; 4400 Solano Park Circle, Apt. 1133, Davis, CA 95616 (US). LEBRILLA, Carlito, B. [US/US]; 3035 Mallorca Lane, Davis, CA 95616 (US). ZHANG, Jinhua [CN/US]; 4400 Solano Park Circle, Apt. 1133, Davis, CA 95616 (US).

(74) KEZER, William, B. 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)⁷ C12P 1/00, 1/04, 19/62, C12R 1/01, 1/04, 1/465

(11) WO 2004/087934 (13) A1

(21) PCT/EP2004/003662

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03100896.4 4 Apr/avr 2003 EP (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FERMENTATION PROCESSES WITH LOW CONCENTRATIONS OF CARBON- AND NITROGEN-CONTAINING NUTRIENTS

• PROCEDES DE FERMENTATION PRESENTANT DE FAIBLES CONCENTRATIONS EN NUTRIMENTS CONTENANT DU CARBONE OU DE L'AZOTE

(71) DSM IP ASSETS B.V. [NL/NL]; Het Overloon 1, NL-6411 Te Heerlen (NL).
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(72, 75) HOLLANDER, DE, Johannes, Abraham [NL/NL]; Johan Wagenaarlaan 4, NL-2343 Ne Oegstgeest (NL). ESWILDER,

Freddy, Ronald [NL/NL]; De Kringloop 29, NL-2624 WJ Delft (NL). ZANDEN, VAN DER, Paulus, Petrus, Maria [NL/NL]; Overvoorde 6, NL-2641 MS Pijnacker (NL).

(74) MATULEWICZ, Emil, Rudolf, Antoni et al. / etc.; DSM Intellectual Property, Delft Office (600-0240), P.O. Box 1, NL-2600 Ma Delft (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)⁷ C12P 7/00

(11) WO 2004/087935 (13) A2

(21) PCT/IB2004/001003

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 559/DEL/2003 1 Apr/avr 2003 IN (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FERMENTATION PROCESS FOR THE PREPARATION OF PRAVASTATIN
• PROCESSUS DE FERMENTATION POUR LA PREPARATION DE PRAVASTATINE

(71) RANBAXY LABORATORIES LIMITED [IN/IN]; 19, Nehru Place, New Delhi 110 019, Delhi (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KUMAR, Parveen [IN/IN]; 95, Sector 11, Panchkula, Haryana 134112 (IN). KATIAL, Vikas [IN/IN]; #1381, Sector - 29, Noida, Uttar Pradesh 201303 (IN). GIGRAS, Paresh [IN/IN]; c/o Shri Jagdish Chander Jitender Kumar, Chauraha Gali, Muradabad, Uttar Pradesh 244001 (IN). KUMAR, Sudeep [IN/IN]; B-107 Alaknanda Apt., Rampuri, Surya Nagar, Ghaziabad, Uttar Pradesh 201011 (IN). SHUKLA, Anirudha [IN/IN]; #6148/5, Sector - D, Pocket - 6, Vasant Kunj, New Delhi 110070 (IN).

(74) RANBAXY LABORATORIES LIMITED; c/o DESHMUKH, Jay, R., 600 College Road East, Suite 2100, 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)⁷ C12P 7/18

(11) WO 2004/087936 (13) A1

(21) PCT/KR2004/000759

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10-2003-0020734 2 Apr/avr 2003 KR
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF PRODUCING 1,2-
PROPANEDIOL USING *KLEBSIELLA*
PNEUMONIAE

• METHODE DE PRODUCTION DE
1,2-PROPANDIOL AU MOYEN DE
<I>*KLEBSIELLA PNEUMONIAE*</I>

(71) CJ CORP. [KR/KR]; 500 Namdaemu-
nro5-ga, Jung-gu, Seoul 100-095 (KR).

(72) PARK, Young-Hoon; 111-102 Mujigae
Daerim Apt., Gumi-dong, Bundang-gu,
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ryang-dong, Yongin-city, Kyungki-do
449-709 (KR). UM, Hye-Won; 101-1001
Jugong Greenvil Apt., Maetan-dong, Young-
tong-gu, Suwon-city, Kyungki-do 442-370
(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 UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ C12P 13/08, C12R 1/19, 1/425, C12N
15/31, 15/52, 15/63

(11) WO 2004/087937 (13) A1

(21) PCT/EP2004/002796

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 103 14 618.0 1 Apr/avr 2003 DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PROCESS FOR THE PRODUCTION
OF L-AMINO ACIDS USING STRAINS
OF THE ENTEROBACTERIACEAE
FAMILY WHICH OVEREXPRESS THE

GALP GENE, CODING FOR A GALAC-
TOSE PROTON SYMPORTER

• PROCEDE POUR LA PRODUCTION
D'ACIDES AMINES LEVOGYRE UTI-
LISANT DES SOUCHES DE LA FA-
MILLE DES ENTEROBACTERIACEES
SUREXPRESSANT LE GENE GALP, CO-
DANT POUR UN SYMORTEUR DE
PROTONS DE GALACTOSE

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1,
40474 Düsseldorf (DE).

(72) RIEPING, Mechthild; Mönkebergstrasse 1,
33619 Bielefeld (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 UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ C12P 17/18, C07D 471/20, A61K 31/438,
A61P 43/00, 25/28, 25/18, 25/08, 25/22,
25/24, 25/20, 25/04, 11/06, 29/00, 1/04, 3/04,
9/10, 23/00, 3/10

(11) WO 2004/087938 (13) A1

(21) PCT/JP2004/004416

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-93595 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOVEL PHYSIOLOGICALLY ACTIVE
SUBSTANCES PF1270A, B AND C

• NOUVELLES SUBSTANCES PHYSIO-
LOGIUEMENT ACTIVES, PF1270A,
B ET C

(71) MEIJI SEIKA KAISHA, LTD. [JP/JP];
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104-8002 (JP).

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les États désignés sauf US)

(72, 75) KUSHIDA, Nobuaki [JP/JP]; c/o In-
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tious Disease Research, Lab., Meiji Seika
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YAGUCHI, Takashi [JP/JP]; c/o Microbi-
ological Resources, & Technology Labs.,
Meiji Seika, Kaisha, Ltd., 788, Kayama,
Odawara-shi, Kanagawa 250-0852 (JP).
YOKOYAMA, Fumikazu [JP/JP]; c/o Ex-
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222-8567 (JP). TSUJUCHI, Goh [JP/JP];
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Yokohama-shi, Kanagawa 222-8567 (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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

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

Published / Publiée : (m)

(51)⁷ C12P 19/32, 19/40, C07H 19/16, 19/20

(11) WO 2004/087939 (13) A1

(21) PCT/EP2004/001239

(22) 11 Feb/fév 2004 (11.02.2004)

(25) en (26) en

(30) 03007679.8 3 Apr/avr 2003 EP
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PROCESS FOR THE PREPARATION
OF FLUDARABINE PHOSPHATE
FROM 2-FLUOROADENINE AND
FLUDARABINE PHOSPHATE SALTS
WITH AMINES OR AMMONIA

• PROCEDE DE PREPARATION DE FLU-
DARABINE PHOSPHATE A PARTIR
DU COMPOSE 2-FLUORO-ADENINE,
ET SELS DE FLUDARABINE PHOS-
PHATE COMPORTANT DES AMINES
OU DE L'AMMONIAC

(71) PRO.BIO.SIN. S.P.A. [IT/IT]; Via Emilia,
99, I-26900 Lodi (IT).
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les États désignés sauf US)

(72, 75) FARINA, Paolo [IT/IT]; Via Emilia,
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Luigi [IT/IT]; Via Valverde, 20/22, I-21100
Varese (IT). COLOMBO, Paolo [IT/IT];
Via Valverde, 20/22, I-21100 Varese
(IT). CAPRIOLI, Giovanni [IT/IT]; Via
Valverde, 20/22, I-21100 Varese (IT).

(74) MINOJA, Fabrizio et al. / etc.; Bianchetti
Bracco Minoja S.r.l., Via Rossini, 8, 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

(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 VN YU ZA ZM ZW.

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

(51)⁷ C12Q 1/42, G01N 33/50

(11) **WO 2004/087944** (13) A1

(21) PCT/GB2004/001436

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 0307470.5 **1 Apr/avr 2003 (01.04.2003)** GB

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVEMENTS IN OR RELATING TO VIABILITY

• AMELIORATIONS APORTEES OU ASSOCIEES A LA VIABILITE DE PLANTES

(71) **UNIVERSITY OF DURHAM** [GB/GB]; Durham DH1 3HP (GB).

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

(72, 75) **SLABAS, Antoni, Ryszard** [GB/GB]; 8 Telford Close, High Shinclyffe, Durham DH1 2YJ (GB). **CHIVASA, Stephen** [ZW/GB]; 12A Front Street, Framellgate Moor, Durham DH1 5EJ (GB). **NDIMBA, Bongani kaiser** [ZA/GB]; 87 Rothbury Road, Newton Hall, Durham DH1 5QE (GB). **LINDSEY, Keith** [GB/GB]; 25 Hallgarth Street, Durham DH1 3AT (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 VN YU ZA ZM ZW.

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

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(51)⁷ C12Q 1/44, 1/34, 1/26, G01N 33/92

(11) **WO 2004/087945** (13) A1

(21) PCT/JP2004/004394

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

(25) ja

(30) 2003-091651 **28 Mar/mar 2003 (28.03.2003)** JP

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF DETERMINING CONTENT OF TRIGLYCERIDE IN LOW-DENSITY LIPOPROTEIN

• METHODE DE DETERMINATION DU CONTENU EN TRIGLYCERIDES D'UNE LIPOPROTEINE DE FAIBLE DENSITE

(71) **DENKA SEIKEN CO., LTD.** [JP/JP]; 4-2, Nihonbashi Kayabacho 3-chome, Chuo-ku, Tokyo 1030025 (JP).

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(72, 75) **MATSUI, Hiroshi** [JP/JP]; c/o Denka Seiken Co., Ltd., 2-2, Minami-Honcho 1-chome, Gosen-shi, Niigata 9591695 (JP). **HIRASHIMA, Junko** [JP/JP]; c/o Denka Seiken Co., Ltd., 2-2, Minami-Honcho 1-chome, Gosen-shi, Niigata 9591695 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ C12Q 1/48

(11) **WO 2004/087946** (13) A2

(21) PCT/DE2004/000674

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) de (26) de

(30) 103 14 965.1 **2 Apr/avr 2003 (02.04.2003)** DE

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE DETECTION OF POST-TRANSLATIONAL MODIFICATION ACTIVITIES AND DEVICE SYSTEM FOR CARRYING OUT SAID METHOD

• PROCEDE D'IDENTIFICATION D'ACTIVITES DE MODIFICATION POST-TRANSLATIONNELLES ET SYSTEMES D'APPAREILS PERMETTANT LA MISE EN OEUVRE DUDIT PROCEDE

(71) **BIOSCORIA GMBH** [DE/DE]; Deutscher Platz 5 c, 04103 Leipzig (DE).

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(72, 75) **VASILETS, Larissa** [RU/DE]; Lessingstrasse 10, 06179 Teutschenthal (DE).

(74) **VOIGT, Wolf-Rüdiger**; Alter Markt 1-2, 06108 Halle (DE).

(26) ja

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ C12Q 1/68

(11) **WO 2004/087947** (13) A1

(21) PCT/CA2004/000482

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 60/458,409 **31 Mar/mar 2003 (31.03.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APTAMER SELECTION METHOD

• METHODE DE SELECTION D'APTAMERES

(71) **MCMMASTER UNIVERSITY** [CA/CA]; Office of Research Contracts & Intellectual Property, 1280 Main Street West JHE 118, Hamilton, Ontario L8N 3Z5 (CA).

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(72, 75) **LI, Yingfu** [CA/CA]; 87 Pirie Drive, Dundas, Ontario L9H 6Y2 (CA). **NUTIU, Ravan** [RO/CA]; 1010-1760 Main Street West, Hamilton, Ontario L8S 1H2 (CA).

(74) **MCGUINNESS, Ursula**; Gowling Lafleur Henderson LLP, Barristers & Solicitors, Standard Life Centre, Suite 560, 120 King Street West, Hamilton, Ontario L8N 3R4 (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 VN YU ZA ZM ZW.

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

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(51)⁷ C12Q 1/68, C07H 21/04, A61P 25/18

(11) **WO 2004/087948** (13) A1

(21) PCT/CN2004/000287

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 2,423,327 **2 Apr/avr 2003 (02.04.2003)** CA

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SINGLE NUCLEOTIDE POLYMORPHISMS FOR THE DIAGNOSIS AND TREATMENT OF SCHIZOPHRENIA SPECTRUM DISORDERS

• POLYMORPHISMES MONONUCLEOTIDIQUES POUR DIAGNOSTIC ET TRAITEMENT DE TROUBLES DU SPECTRE DE LA SCHIZOPHRENIE

(71) PHARMACO GENETICS LIMITED [CN/CN]; Rm. 3633, Annex Building, HKUST, Clear Water Bay, Kowloon, Hong Kong (CN).

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(72, 75) XUE, Hong [CN/CN]; 1/F. 24 Tsam Chuk Wan, Sai Kung, N. T., Hong Kong (CN). LO, Wing, Sze [CN/CN]; Rm. 3633, Annex Building, HKUST, Clear Water Bay, Kowloon, Hong Kong (CN).

(74) KANGXIN & PARTNERS; Suite 2516, Xinlong Mansion, A33 Erlonglu, Xicheng District, Beijing 100032 (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)⁷ C12Q 1/68

(11) WO 2004/087949 (13) A2

(21) PCT/EP2004/003419

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 15 031.5 2 Apr/avr 2003 DE (02.04.2003)

(30) 103 36 511.7 8 Aug/août 2003 DE (08.08.2003)

(30) 103 40 395.7 2 Sep/sep 2003 DE (02.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR RECOGNISING ACUTE GENERALISED INFLAMMATORY CONDITIONS (SIRS), SEPSIS, SEPSIS-LIKE CONDITIONS AND SYSTEMIC INFECTIONS

• PROCEDE POUR DEPISTER DES ETATS INFECTIEUX GENERALISES (SIRS), DES SEPSIS, DES ETATS DE TYPE SEPSIS ET DES INFECTIONS SYSTEMIQUES

(71) SIRS-LAB GMBH [DE/DE]; Winzerlaer Strasse 2a, 07745 Jena (DE).

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

(72, 75) RUSSWURM, Stefan [DE/DE]; Von-Hase-Weg 32, 07743 Jena (DE). REINHART, Konrad [DE/DE]; Philosophenweg

17, 07743 Jena (DE). SALUZ, Hans-Peter [CH/DE]; Sophienstrasse 7, 07743 Jena (DE). STRAUPE, Eberhard [DE/DE]; Hermann-Löns-Strasse 58, 07745 Jena (DE). ZIPFEL, Peter, F. [DE/DE]; Lauensteinweg 4, 07745 Jena (DE). DEIGNER, Hans-Peter [DE/DE]; Martin-Luther-Strasse 23, 68623 Lampertheim (DE).

(74) KAISER, Jürgen; Winter Brandl Fűrnis Hübner Röss Kaiser Polte - Partnerschaft, Alois-Steinecker-Strasse 22, 85354 Freising (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)⁷ C12Q 1/68

(11) WO 2004/087950 (13) A2

(21) PCT/EP2004/003457

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03007458.7 4 Apr/avr 2003 EP (04.04.2003)

(30) 03014929.8 1 Jul/juil 2003 EP (01.07.2003)

(30) 03017561.6 7 Aug/août 2003 EP (07.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED SYSTEM FOR MULTI COLOR REAL TIME PCR

• SYSTÈME AMÉLIORÉ DE PCR EN TEMPS RÉEL MULTICOLORÉ

(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]; Grenzachstrasse 124, CH-4070 Basel (CH).

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(72, 75) SAGNER, Gregor [DE/DE]; Meichelbeckstrasse 16, 82377 Penzberg (DE). BECHLER, Ingrid [DE/DE]; Wolfshausen Strasse 34 a, 82538 Gelting (DE). BOLTE, Joachim [DE/DE]; Martin-Luther Strasse 2c, 68642 Buerstadt (DE). HEINDL, Dieter [DE/DE]; Sternstrasse 4, 82396 Pacht (DE). JOSEL, Hans-Peter [DE/DE]; Ulmenstrasse 28, 82362 Weilheim (DE). GUTEKUNST, Martin [DE/DE]; Escherstrasse 12, 82390 Eberfing (DE). SEIBL, Rudolf [DE/DE]; Kapellenwiese 29, 82377 Penzberg (DE). MUELLER, Christoph [DE/DE]; Ambacher Strasse 19, 81476 Muenchen (DE).

(74) ROCHE DIAGNOSTICS GMBH; C/O Heiko Hillebrandt, 82377 Penzberg (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 :

(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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 DK EE ES FI FR GB GR HU IE IT LU MC NL 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 DK EE ES FI FR GB GR HU IE IT LU MC NL 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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 DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ C12Q 1/68

(11) WO 2004/087951 (13) A2

(21) PCT/EP2004/003532

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 074.9 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR THE MULTIPLICATION AND DETECTION OF NUCLEIC ACIDS

- DISPOSITIF DE MULTIPLICATION ET D'IDENTIFICATION D'ACIDES NUCLEIQUES

(71) **CLONDIAG CHIP TECHNOLOGIES GMBH** [DE/DE]; Löstedter Strasse 103-105, 07749 Jena (DE).

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(72, 75) **BICKEL, Ralf** [DE/DE]; Leipziger Strasse 48, 07743 Jena (DE). **ELLINGER, Thomas** [DE/DE]; Steubenstrasse 6, 07743 Jena (DE). **ERMANTRAUT, Eugen** [DE/DE]; Forstweg 23, 07745 Jena (DE). **KAISER, Thomas** [DE/DE]; Talstrasse 73, 07743 Jena (DE). **SCHULZ, Torsten** [DE/DE]; August-Bebel-Strasse 22, 07743 Jena (DE). **ULLRICH, Thomas** [DE/DE]; Melanchthonstrasse 14, 07743 Jena (DE).

(74) **HUENGES, Martin**; Maiwald Patentanwalts GmbH, Elisenhof, Elisenstrasse 3, 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)⁷ C12Q 1/68, C07K 14/415, C12N 15/82

(11) **WO 2004/087952** (13) A2

(21) PCT/EP2004/050398

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 03100850.1 **31 Mar/mar 2003** EP (31.03.2003)

(30) 03101544.9 **27 May/mai 2003** EP (27.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GENES REGULATED BY HYDROGEN PEROXIDE STRESS

- GENES REGULES PAR LE STRESS DE PEROXYDE D'HYDROGENE

(71) **VIB VZW** [BE/BE]; Rijvisschestraat 120, B-9052 Zwijnaarde (BE). **UNIVERSITEIT GENT** [BE/BE]; Sint-Pietersnieuwstraat 25, B-9000 Gent (BE).

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(72, 75) **VAN BREUSEGEM, Frank** [BE/BE]; Twaalfbunderstraat 10, B-9660 Brakel (BE). **INZÉ, Dirk, Gustaaf** [BE/BE]; Kortendries 18, B-9310 Moorsel - Aalst (BE). **VANDEN-ABEELE, Steven** [BE/BE]; Axelwalle 21, B-9700 Oudenaarde (BE).

(74) **VIB VZW**; Rijvisschestraat 120, B-9052 Zwijnaarde (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 VC VN YU ZA ZM ZW.

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

(51)⁷ C12Q 1/68, C12M 1/00

(11) **WO 2004/087953** (13) A1

(21) PCT/FR2004/000510

(22) **4 Mar/mar 2004 (04.03.2004)**

(25) fr (26) fr

(30) 03/03438 **20 Mar/mar 2003** FR (20.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOMATED SYSTEM FOR DETECTING THE FIXATION OF BIOMOLECULES ON A SAMPLE IN THREE DIMENSIONS

- INSTALLATION AUTOMATISEE POUR LA DETECTION DE LA FIXATION DE BIOMOLECULES SUR UN ECHANTILLON EN TROIS DIMENSIONS

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). **UNIVERSITE JOSEPH FOURIER** [FR/FR]; 621, Avenue Centrale, Domaine Universitaire, F-34000 Saint-Martin D'Heres (FR).

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(72, 75) **THELU, Jacques, Lucien** [FR/FR]; 91, rue des Libellules, F-38920 Crolles (FR).

(74) **GROSSET-FOURNIER, Chantal, Catherine et al.** / etc.; Grosset-Fournier & Demachy Sarl, 54, rue Saint-Lazare, 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).

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(51)⁷ C12Q 1/68

(11) **WO 2004/087954** (13) A2

(21) PCT/GB2004/001334

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 0307643.7 **2 Apr/avr 2003** GB (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MARKERS

- MARQUEURS

(71) **CYCLACEL LIMITED** [GB/GB]; James Lindsay Place, Dundee DD1 5JJ (GB).

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

(72, 75) **GREEN, Simon, R.** [GB/GB]; Cyclacel Limited, Dundee Technopole, James Lindsay Place, Dundee DD1 5JJ (GB). **FRAME, Sheelagh** [GB/GB]; Cyclacel Limited, Dundee Technopole, James Lindsay Place, Dundee DD1 5JJ (GB). **BLAKE, David** [GB/GB]; Cyclacel Limited, Dundee Technopole, James Lindsay Place, Dundee DD1 5JJ (GB).

(74) **FURLONG, Isla, Jane et al.** / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (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)⁷ C12Q 1/68, G01N 33/50

(11) **WO 2004/087955** (13) A1

(21) PCT/GB2004/001337

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 0307640.3 **2 Apr/avr 2003** GB (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MARKERS FOR ROSCOVITINE

- MARQUEURS POUR LA ROSCOVITINE

(71) **CYCLACEL LIMITED** [GB/GB]; James Lindsay Place, Dundee DD1 5JJ (GB). **CANCER RESEARCH TECHNOLOGY LIMITED** [GB/GB]; Sardinia House, Sardinia Street, London WC2A 3NL (GB).

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

(72, 75) **GREEN, Simon, R.** [GB/GB]; Cyclacel Limited, Dundee Technopole, James Lindsay Place, Dundee DD1 5JJ (GB). **WORKMAN, Paul** [GB/GB]; Cancer Research UK Centre for Cancer Therapeutics, Institute of Cancer Research, 15 Cotswold Road, Belmont, Sutton, Surrey SM2 5NG (GB). **WHITTAKER, Steven, R.** [GB/GB]; Cancer Research UK Centre for Cancer Therapeutics, Institute of Cancer Research, 15 Cotswold Road, Belmont, Sutton, Surrey SM2 5NG (GB).

(74) **FURLONG, Isla, Jane et al.** / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (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)⁷ C12Q 1/68

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(21) PCT/GB2004/001458

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307632.0 2 Apr/avr 2003 GB
(02.04.2003)

(30) 0307633.8 2 Apr/avr 2003 GB
(02.04.2003)

(30) 60/475,570 4 Jun/juin 2003 US
(04.06.2003)

(30) 60/485,730 10 Jul/juil 2003 US
(10.07.2003)

(30) 60/485,735 10 Jul/juil 2003 US
(10.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CELLINES

• LIGNEES CELLULAIRES

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(74) WOODS, Geoffrey, Corlett 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)⁷ C12Q 1/68

(11) WO 2004/087957 (13) A2

(21) PCT/IB2004/001516

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0307739.3 3 Apr/avr 2003 GB
(03.04.2003)

(30) 60/460,038 3 Apr/avr 2003 US
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HYPERMETHYLATED GENES AND
CERVICAL CANCER
• GENES HYPERMETHYLES ET CAN-
CER DU COL DE L'UTERUS

(71) ONCOMETHYLOME SCIENCES S.A.
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RB Groningen (NL).

(74) BALDOCK, Sharon Claire et al. / etc.;
Verulam Gardens, 70 Gray's Inn Road, Lon-
don 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 :

(t) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(51)⁷ C12Q 1/68, C12N 15/88

(11) WO 2004/087958 (13) A1

(21) PCT/IN2003/000124

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STN GENE OLIGONUCLEOTIDE
PRIMERS FOR DETECTING SALMO-
NELLA SPECIES AND DETECTION
PROCESSES USING THE SAME

• AMORCES OLIGONUCLEOTIDES
SPECIFIQUES DU GENE STN PER-
METTANT DE DETECTER DES ES-
PECES DE SALMONELLE ET PRO-
CESSUS DE DETECTION UTILISANT
CES AMORCES

(71) COUNCIL OF SCIENTIFIC AND IN-
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(72, 75) QAZI, Ghulam, Nabi [IN/IN]; Regional
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RIYAZ-UL-HASSAN, Syed [IN/IN]; Re-
gional Research Laboratory Jammu, Canal
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(74) BHOLA, Ravi; Kumaran & Sagar, 84-C,
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NEW DELHI 110 062 (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).

Published / Publiée : (a)

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 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)⁷ C12Q 1/68

(11) WO 2004/087959 (13) A2

(21) PCT/IN2004/000081

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,038 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STAT-6 GENE VARIANTS AND
PROCESS OF DETECTING THE SAME
• VARIANTS DU GENE STAT-6 ET PRO-
CEDE DE DETECTION

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).
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les États désignés sauf US)

(72, 75) GHOSH, Balram [IN/IN]; Institute of
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GARKATTI, Rana [IN/IN]; Institute of
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MARAO, Chandrika [IN/IN]; Institute of
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(74) **BHOLA, Ravi; K & S Partners, 84-C, C-6 Lane, Off. Central Avenue, Sainik Farms, New Delhi 110 062 (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 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); (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); (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)⁷ C12Q 1/68

(11) WO 2004/087960 (13) A2

(21) PCT/JP2004/004378

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-092898 28 Mar/mar 2003 JP (28.03.2003)

(30) 10/684,141 10 Oct/oct 2003 US (10.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR RAPIDLY CONFERRING A DESIRED TRAIT TO AN ORGANISM

• PROCEDE ET SYSTEME SERVANT A CONFERER RAPIDEMENT UNE CARACTERISTIQUE DESIREE A UN ORGANISME

(71) **NEO-MORGAN LABORATORY INCORPORATED [JP/JP]; 1-1-1, Uchisaiwai-cho, Chiyoda-ku, Tokyo 1000011 (JP).** (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **FURUSAWA, Mitsuru [—/JP]; 605 Nishikaiaipakufamiria, 6-6-8, Nishikasai, Edogawa-ku, Tokyo 1340088 (JP).**

(74) **YAMAMOTO, Shusaku et al. / etc.; Fifteenth Floor, Crystal Tower, 1-2-27, Shiroimi, Chuo-ku, Osaka-shi, Osaka 5406015 (JP).**

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

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

(51)⁷ C12Q 1/68

(11) WO 2004/087961 (13) A1

(21) PCT/JP2004/004703

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-097497 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF DETECTING POLYMORPHISM IN APOLIPOPROTEIN E GENE, METHOD OF JUDGING GENOTYPE OF APOLIPOPROTEIN E GENE POLYMORPHISM AND REAGENT

• PROCEDE DE DETECTION D'UN POLYMORPHISME DU GENE DE L'APOLIPOPROTEINE E ET PROCEDE DE DETERMINATION DU GENOTYPE D'UN POLYMORPHISME DU GENE DE L'APOLIPOPROTEINE E ET REACTIF

(71) **KYUSHU TLO COMPANY, LIMITED [JP/JP]; 10-1, Hakozaki 6-chome, Higashi-ku, Fukuoka-shi, Fukuoka, 8128581 (JP).** (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWASAKI, Hiroaki [JP/JP]; 608, 1-15, Tenjin 5-chome, Chuo-ku, Fukuoka-shi, Fukuoka, 8100001 (JP). KOBAYASHI, Yuki [JP/JP]; 32-6, Taguma 2-chome, Sawara-ku, Fukuoka-shi, Fukuoka, 8140174 (JP). MIT-SUYASU, Hiroshi [JP/JP]; 25-6, Tsuruta 4-chome, Minami-ku, Fukuoka-shi, Fukuoka, 8111352 (JP).**

(74) **KURAHASHI, Akira; Sprew Shinbashi Bldg., 16-5, Shinbashi 5-chome, Minato-ku, Tokyo, 1050004 (JP).**

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

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

(51)⁷ C12Q 1/68, A61K 38/17

(11) WO 2004/087962 (13) A1

(21) PCT/NL2004/000118

(22) 17 Feb/fév 2004 (17.02.2004)

(25) en (26) en

(30) 03075928.6 31 Mar/mar 2003 EP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DETECTION OF HPV-INDUCED INVASIVE CANCERS AND THEIR PRECURSOR LESIONS WITH INVASIVE POTENTIAL

• DETECTION DES CANCERS ENVAHISANTS INDUITS PAR LE PAPILLOMAVIRUS ET DE LEURS LESIONS PRECURSEURS AYANT UN POTENTIEL INVASIF

(71) **STICHTING RESEARCHFONDS PATHOLOGIE [NL/NL]; Jekerstraat 19 2HG, NL-1078 LW Amsterdam (NL).** (for all designated States except / pour tous les États désignés sauf US)

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(74) **PRINS, A.W.; 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 PT RO SE 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 2004/087963 (13) A1

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(22) 30 Mar/mar 2004 (30.03.2004)

- (25) en (26) en
- (30) 60/459,187 **31 Mar/mar 2003** US
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • TOPOISOMERASE MODULATOR AS-SAYS
• DOSAGE BIOLOGIQUE MODULATEUR DE LA TOPOISOMERASE
- (71) **ASTRAZENECA AB** [SE/SE]; S-151 85 Södertälje (SE).
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- (72, 75) **ANDREWS, Beth** [US/US]; AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451 (US). **BARTH, Peter** [GB/GB]; AstraZeneca R & D Alderley, Alderley Park, Macclesfield, Cheshire SK10 4TG (GB). **MILLS, Scott** [US/US]; AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451 (US). **URIA-NICKELSEN, Maria** [BO/US]; AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451 (US). **YANG, Wei** [CN/US]; AstraZeneca R & D Boston, 35 Gatehouse Drive, Waltham, MA 02451 (US).
- (74) **GLOBAL INTELLECTUAL PROPERTY**; AstraZeneca AB, 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)⁷ **C12Q 1/68**
- (11) **WO 2004/087965** (13) A2
- (21) PCT/US2004/009059
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 10/401,830 **28 Mar/mar 2003** US
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • STATISTICAL ANALYSIS OF REGULATORY FACTOR BINDING SITES OF DIFFERENTIALLY EXPRESSED GENES
• ANALYSE STATISTIQUE DE SITES DE LIAISON DE FACTEUR REGULATEUR DE GENES D'EXPRESSION DIFFERENTIELLE
- (71) **CORGENTECH, INC.** [US/US]; 650 Gateway Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHANG, Jie** [CN/US]; 4930 Poplar Terrace, Campbell, CA 95008 (US). **WEI, Hsiu-Ying** [US/US]; 1039 Redmond Avenue, San Jose, CA 95120 (US). **MCEVOY, Leslie, Margaret** [US/US]; 2416 Tamalpais Street, Mountain View, CA 94043 (US).
- (74) **DREGER, Ginger, R.**; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C12Q 1/68**
- (11) **WO 2004/087964** (13) A1
- (21) PCT/SE2004/000521
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) sv (26) en
- (30) 0300965-1 **2 Apr/avr 2003** SE
(02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OF DETECTING DETECTING MUTATIONS
• METHODE DE DETECTION DE MUTATIONS
- (71) **DYNAMIC CODE AB** [SE/SE]; Westmangatan 47, S-582 16 Linköping (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIHLGREN, Anne** [SE/SE]; Tegskiftesgatan 277, S-583 34 Linköping (SE). **MOLANDER, Catrin** [SE/SE]; Tove-torp Prästgården 202, S-591 94 Motala (SE). **ROSEN, Björn** [SE/SE]; Hertig Johans väg 6, S-597 31 Åtvidaberg (SE).
- (74) **AWAPATENT ILINKÖPING AB**; Platensgatan 9C, S-582 20 Linköping (SE).
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • GENOMIC PROFILING OF REGULATORY FACTOR BINDING SITES
• PROFILAGE GENOMIQUE DE SITES DE LIAISON DE FACTEURS REGULATEURS
- (71) **CORGENTECH, INC.** [US/US]; 650 Gateway Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHANG, Jie** [CN/US]; 4930 Poplar Terrace, Campbell, CA 95008 (US). **WEI, Hsiu-Ying** [US/US]; 1039 Redmond Avenue, San Jose, CA 95120 (US). **MCEVOY, Leslie, Margaret** [US/US]; 2416 Tamalpais Street, Mountain View, CA 94043 (US).
- (74) **DAVIS, Paul et al.** / etc.; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C14C 3/06**
- (11) **WO 2004/087967** (13) A1
- (21) PCT/EP2004/050408
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 0612/03 **4 Apr/avr 2003** CH
(04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • COMPOSITION COMPRISING CHROMIUM SALTS FOR TANNING
• COMPOSITION POUR TANNAGE COMPRENANT DES SELS DE CHROME
- (71) **TFL LEDERTECHNICK GMBH** [DE/DE]; Im Schwarzenbach 2, 79576 Weil am Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KETTERMANN, João Augusto** [BR/BR]; Tomás Flores 235/303, 93030-260 São Leopoldo RS (BR). **TRIPOT, Laure** [FR/FR]; 58 rue Kléber, F-68100 Mulhouse (FR).
- (74) **MAUÉ, Paul Georg**; Solvias AG, Patents, WKL-402.3.04, Klybeckstrasse 191, 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).

Published / Publiée : (c)

(51)⁷ C21D 8/06

(11) WO 2004/087968 (13) A2

(21) PCT/EP2004/002281

(22) 5 Mar/mar 2004 (05.03.2004)

(25) de (26) de

(30) 103 15 418.3 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR THE THERMOMECHANICAL TREATMENT OF STEEL
• PROCEDE DE TRAITEMENT THERMO-MECANIQUE DE L'ACIER

(71) THYSSENKRUPP AUTOMOTIVE AG
[DE/DE]; Alleestr. 165, 44793 Bochum
(DE).

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

(72, 75) VONDRACEK, Hans [DE/DE]; Am
Bollwerk 4, 58339 Brekerfeld (DE). DZIEM-
BALLA, Hans [DE/DE]; Im Markfeld
25, 58642 Iserlohn (DE). MANKE, Lutz
[DE/DE]; Brucknerstr. 58, 58097 Hagen
(DE). BOROWIKOW, Alexander [DE/DE];
Bernauer Weg 5, 16230 Sydower Fliess (DE).
UHRICH, Reinhard [DE/DE]; Strasse 33,
Nr. 29, 13129 Berlin (DE). HÜTTNER,
Matthias [DE/DE]; Freiheit 154, 06493
Strassberg (DE).

(74) ADAMS, Steffen; ThyssenKrupp Auto-
motive AG, Recht und Patente, Alleestr. 165,
44793 Bochum (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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ C21D 9/00

(11) WO 2004/087969 (13) A2

(21) PCT/EP2004/003396

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 15 354.3 3 Apr/avr 2003 DE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANNEALING FRAME

• CHASSIS A RECUIRE

(71) OTTO JUNKER GMBH [DE/DE]; Jäger-
hausstrasse 22, 52152 Simmerath (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHEFFLER, Martin [DE/DE];
Marienstrasse 12, 52223 Stolber (DE). FAY-
MONVILLE, Gerd [DE/DE]; Triftstrasse
4, 52152 Simmerath (DE). PACKES, Hel-
muth [BE/BE]; Windmühlenweg 22, B-4701
Eupen (BE).

(74) COHAUSZ & FLORACK; Bleichstrasse
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 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)⁷ C22B 3/14, 11/00

(11) WO 2004/087970 (13) A1

(21) PCT/RU2003/000131

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR RECOVERY OF NON-FERROUS, RARE AND PRECIOUS METALS FROM ROBUST MINERALS
• PROCEDE DE RECUPERATION DE METAUX NON FERREUX, RARES ET PRECIEUX DANS DES MINERAIS ROBUSTES

(71, 72) SHAPOVALOV, Viatcheslav
Dmitrievich [RU/RU]; ul. Shibankova,
27-37, Naro-Fominsk, Moskovskaya obl.,
143300 (RU). FOKIN, Konstantin Sergee-
vich [RU/RU]; ul. Povarskaya, 22-4,
Moscow, 121069 (RU). SHOKHIN, Alek-
sandr Nikolaevich [RU/RU]; 1-Truzhen-
nikov per., 17-29, Moscow, 103009 (RU).

(74) DANILINA, Elena Alexandrovna; a/ya 7,
Troitsk-2, Moskovskaya obl., 142190 (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 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)⁷ C22B 60/02, 3/38

(11) WO 2004/087971 (13) A1

(21) PCT/IN2003/000132

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • A PROCESS FOR RECOVERY OF HIGH PURITY URANIUM FROM FERTILIZER GRADE WEAK PHOSPHORIC ACID
• PROCEDE DE RECUPERATION D'URANIUM A HAUT DEGRE DE PURETE PROVENANT D'ACIDE PHOSPHORIQUE DE FAIBLE TENEUR D'ENGRAIS

(71) SECRETARY, DEPARTMENT OF ATOMIC ENERGY [IN/IN]; Government of India, Anushakti Bhavan, Chhatrapati Shivaji Maharaj Marg, Mumbai 400 039, State of Maharashtra (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SINGH, Harvinderpal [IN/IN]; REDS, Materials Group, South site, BARC, Trombay 400 085 (IN). MISHRA, Shyamkant, Laxmidutt [IN/IN]; REDS, Materials Group, South site, BARC, Trombay 400 085 (IN). MALLAVARAPU, Anitha [IN/IN]; REDS, Materials Group, South site, BARC, Trombay 400 085 (IN). RAVISHANKAR, Vijayalakshmi [IN/IN]; REDS, Materials Group, South site, BARC, Trombay 400 085 (IN). GIRIYALKAR, Ashok, Baswanthappa [IN/IN]; REDS, Materials Group, South site, BARC, Trombay 400 085 (IN). KOTEKAR, Manojkumar, Kedarnath [IN/IN]; REDS, Materials Group, South site, BARC, Trombay 400 085 (IN). MUKHERJEE, Tapan, Kumar [IN/IN]; Indian Rare Earths Limited, Plot No. 1207, Veer Savarkar Marg, Prabhadevi, Mumbai 400 028 (IN).

(74) MAJUMDAR, S. et al. / etc.; S. Majumdar & Co., 5, Harish Mukherjee Road, Calcutta 700 025 (IN).

(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)⁷ C22C 1/10, 5/06

(11) WO 2004/087972 (13) A1

(21) PCT/CH2004/000208

(22) 2 Apr/avr 2004 (02.04.2004)

(25) fr (26) fr

(30) 03405231.6 4 Apr/avr 2003 EP
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD OF PRODUCING A SILVER ALLOY PART AND ALLOY USED FOR SAME

- PROCEDE DE REALISATION D'UNE PIECE EN ALLIAGE D'ARGENT ET ALLIAGE UTILISE POUR CE PROCEDE

(71) **METALOR TECHNOLOGIES INTERNATIONAL S.A.** [CH/CH]; Avenue du Vignoble, CH-2009 Neuchâtel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMONI, Pierre** [CH/CH]; Les Pomerets 16, CH-2037 Montezillon (CH).

(74) **GLN; 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).

(51)⁷ C22C 9/00

(11) **WO 2004/087973** (13) A1

(21) PCT/FI2004/000196

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) en (26) en

(30) 20030505 **3 Apr/avr 2003** FI
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COPPER ALLOY CONTAINING PHOSPHIDES AND HAVING A LOW OXYGEN CONTENT

- ALLIAGES DE CUIVRE CONTENANT DES PHOSPHURES A FAIBLE CONTENU EN OXYGENE

(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) **KOPPINEN, Ilpo** [FI/FI]; Isolinnankatu 3 C 40, FI-28100 Pori (FI). **HIEKKANEN, Ilppo** [FI/FI]; Rautaharkonkatu 15, FI-33820 Tampere (FI). **RAJAINMÄKI, Hannu** [FI/FI]; Liisankatu 26 as. 24, FI-28100 Pori (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)⁷ C22C 9/00

(11) **WO 2004/087974** (13) A1

(21) PCT/FI2004/000197

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) fi (26) en

(30) 20030506 **3 Apr/avr 2003** FI
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MACHINABLE COPPER ALLOY
• ALLIAGE EN CUIVRE USINABLE

(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) **HÄRKKI, Kalle** [FI/FI]; Salakkakuja 11, FI-28300 Pori (FI). **RENFOR, Tuomas** [FI/FI]; Väinönräiti 1 K 77, FI-28330 Pori (FI). **VÄLIMÄKI, Timo** [FI/FI]; Kettupolku 9, FI-29600 Noormarkku (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)⁷ C22C 9/00

(11) **WO 2004/087975** (13) A1

(21) PCT/FI2004/000198

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) fi (26) en

(30) 20030507 **3 Apr/avr 2003** FI
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SUBSTRATE MATERIAL OF A COPPER-MAGNESIUM ALLOY

- MATERIAU POUR SUBSTRAT FAIT D'UN ALLIAGE DE CUIVRE-MAGNESIUM

(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) **HÄRKKI, Kalle** [FI/FI]; Salakkakuja 11, FI-28300 Pori (FI). **RENFOR, Tuomas** [FI/FI]; Väinönräiti 1 K 77, FI-28330 Pori (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)⁷ C22C 9/00

(11) **WO 2004/087976** (13) A1

(21) PCT/FI2004/000203

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) fi (26) en

(30) 20030508 **3 Apr/avr 2003** FI
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OXYGEN-FREE COPPER ALLOY AND METHOD FOR ITS MANUFACTURE AND USE OF COPPER ALLOY

• ALLIAGE DE CUIVRE EXEMPT D'OXYGENE ET SON PROCEDE DE FABRICATION ET L'UTILISATION DE L'ALLIAGE EN CUIVRE

(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) HIEKKANEN, Ilppo [FI/FI]; Rautaharkonkatu 15, FI-33820 Tampere (FI). RENFORS, Tuomas [FI/FI]; Väinönräitti 1 K 77, FI-28330 Pori (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ C22C 38/00, 38/34, 38/46

(11) WO 2004/087977 (13) A1

(21) PCT/JP2004/004181

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-092599 **28 Mar/mar 2003** JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STEEL FOR SPRING BEING EXCELLENT IN RESISTANCE TO SETTING AND FATIGUE CHARACTERISTICS

• ACIER POUR RESSORT PRESENTANT UNE EXCELLENTE RESISTANCE A

LA FATIGUE ET D'EXCELLENTE CARACTERISTIQUES DE FATIGUE

(71) KABUSHIKI KAISHA KOBE SEIKO SHO [JP/JP]; 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi, Hyogo 6518585 (JP).

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

(72, 75) SUDA, Sumie [JP/JP]; c/o Kobe Works in Kabushiki Kaisha Kobe Seiko Sho, 2, Nadahamagashicho, Nada-ku, Kobe-shi, Hyogo 6570863 (JP). IBARAKI, Nobuhiko [JP/JP]; c/o Kobe Works in Kabushiki Kaisha Kobe Seiko Sho, 2, Nadahamagashicho, Nada-ku, Kobe-shi, Hyogo 6570863 (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C22C 38/00, 38/48

(11) WO 2004/087978 (13) A1

(21) PCT/JP2004/004195

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-092600 **28 Mar/mar 2003** JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STEEL WIRE FOR HIGH STRENGTH SPRING EXCELLENT IN WORKABILITY AND HIGH STRENGTH SPRING

• CABLE EN ACIER POUR RESSORT TRES RESISTANT A APTITUDE AU FAÇONNAGE EXCELLENTE ET RESORT A RESISTANCE ELEVEE

(71) KABUSHIKI KAISHA KOBE SEIKO SHO [JP/JP]; 10-26, Wakinohamacho 2-chome, Chuo-ku, Kobe-shi Hyogo 6518585 (JP). NHK SPRING CO., LTD. [JP/JP]; 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 2360004 (JP). SHINKO WIRE CO., LTD. [JP/JP]; 10-1, Nakahamacho, Amagasaki-shi, Hyogo 6600091 (JP).

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

(72, 75) SUDA, Sumie [JP/JP]; c/o Kobe Works in Kabushiki Kaisha Kobe Seiko Sho, 2, Nadahamagashicho, Nada-ku, Kobe-shi, Hyogo 6570863 (JP). IBARAKI, Nobuhiko [JP/JP]; c/o Kobe Works in Kabushiki Kaisha Kobe Seiko Sho, 2, Nadahamagashicho, Nada-ku, Kobe-shi, Hyogo 6570863 (JP). TAKAMURA, Noritoshi [JP/JP]; c/o

NHK Spring Co., Ltd., 4056, Aza-Sakuradai, Nakatsu, Aikawa-machi, Aiko-gun, Kanagawa 2430303 (JP). TERAOKA, Naoki [JP/JP]; c/o NHK Spring Co., Ltd., 3131, Miyata-Mura, Kamiina-gun, Nagawa 2430303 (JP). TENDO, Satoru [JP/JP]; c/o NHK Spring Co., Ltd., 3131, Miyata-Mura, Kamiina-gun, Nagawa 2430303 (JP). FUJIWARA, Tadayoshi [JP/JP]; c/o Shinko Wire Co., Ltd., 10-1, Nakahamacho, Amagasaki-shi, Hyogo 6600091 (JP). JINBO, Tetsuo [JP/JP]; c/o Shinko Wire Co., Ltd., 10-1, Nakahamacho, Amagasaki-shi, Hyogo 6600091 (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C22C 38/00, 38/32, 38/54, B23K 9/00

(11) WO 2004/087979 (13) A1

(21) PCT/JP2004/004599

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-95742 **31 Mar/mar 2003** JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WELDED JOINT OF TEMPERED MARTENSITE BASED HEAT-RESISTANT STEEL

• JOINT SOUDE D'ACIER REVENU RESISTANT A LA CHALEUR A BASE DE MARTENSITE

(71) NATIONAL INSTITUTE FOR MATERIALS SCIENCE [JP/JP]; 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). SUMITOMO METAL INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP). MITSUBISHI HEAVY INDUSTRIES, LTD. [JP/JP]; 16-5, Konan 2-chome, Minato-ku, Tokyo 108-8215 (JP).
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(72, 75) TABUCHI, Masaaki [JP/JP]; c/o National Institute for Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). OKADA, Hirokazu [JP/JP]; c/o National Institute for Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). KONDO, Masayuki [JP/JP]; c/o National Institute for Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 (JP). TSUKAMOTO, Susumu [JP/JP]; c/o National Institute for Materials Science, 2-1, Sengen 1-chome, Tsukuba-shi,

Ibaraki 305-0047 (JP). ABE, Fujio [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ C22C 38/44, 38/50

(11) WO 2004/087980 (13) A1

(21) PCT/SE2004/000344

(22) 9 Mar/mar 2004 (09.03.2004)

(25) en (26) en

(30) 0300993-3 2 Apr/avr 2003 SE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STAINLESS STEEL FOR USE IN HIGH TEMPERATURE APPLICATIONS

• ACIER INOXYDABLE POUR APPLICATIONS A HAUTES TEMPERATURES

(71) SANDVIK AB [SE/SE]; S-811 81 Sandviken (SE).

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

(72, 75) GÖRANSSON, Kenneth [SE/—]; S kansligatan 28, 6 tr, S-802 52 Gävle (SE).

(74) TÅQUIST, Lennart; Sandvik AB, Intellectual Property, S-811 81 Sandviken (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)⁷ C22C 47/20

(11) WO 2004/087981 (13) A2

(21) PCT/EP2004/050419

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 425-2003 4 Apr/avr 2003 SK (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR STRENGTHENING A COMPONENT CONSISTING OF A DEFORMABLE CELLULAR MATERIAL, SAID COMPONENT AND THE USE THEREOF

• PROCEDE POUR RIGIDIFIER UN COMPOSANT CONSTITUE D'UNE MATIERE CELLULAIRE DEFORMABLE, UN TEL COMPOSANT ET SON UTILISATION

(71) ÚSTAV MATERIÁLOV A MECHANIKY STROJOV SLOVENSKEJ AKADEMIE VIED [SK/SK]; Racienska 75, 83102 Bratislava (SK).

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(72, 75) SIMANČÍK, Frantisek [SK/SK]; Pecniarska 13, 85101 Bratislava (SK). JERZ, Jaroslav [SK/SK]; Hviezdna 32, 82106 Bratislava (SK).

(74) MÜLLNER, Erwin et al. / etc.; Postfach 159, Weihburggasse 9, A-1014 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).

(51)⁷ C23C

(11) WO 2004/087982 (13) A2

(21) PCT/IN2004/000040

(22) 12 Feb/fév 2004 (12.02.2004)

(25) en (26) en

(30) 323/MUM/2003 1 Apr/avr 2003 IN (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FAN BLADE PROTECTOR

• PROTECTEUR DE PALES DE VENTILATEURS

(71, 72) BALASUBRAMANIAN, Sankarnarayanan [IN/IN]; 505, D-17, Indira Darshan, Oshiwara, Andheri West, MAHARASHTRA STATE, 400 053 MUMBAI (IN).

(74) MURTI, Satish; MURTI AND MURTI, Dr. Krishnaswami Road, Kochi, Kerala, 682035 COCHIN (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 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)⁷ C23C 2/02, 2/06, 2/28, C22C 38/00, C21D 9/46

(11) WO 2004/087983 (13) A1

(21) PCT/JP2004/004533

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-094728 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HOT DIP ALLOYED ZINC COATED STEEL SHEET AND METHOD FOR PRODUCTION THEREOF

• FEUILLE EN ACIER RECOUVERTE DE ZINC ALLIE A CHAUD ET SON PROCEDE DE PRODUCTION

(71) NIPPON STEEL CORPORATION [JP/JP]; 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo, 1008071 (JP). USINOR [FR/FR]; Immeuble "La Pacific", La Defense 7, 11/13, Cours Valmy, Puteaux, F-92800 (FR).

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(72, 75) TANAKA, Koki [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). IKEMATSU, Yoichi [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). HAYASHI, Shunichi [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). SAWADA, Hideaki [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). TAKAHASHI, Akira [JP/JP]; Nippon Steel Corporation Kimitsu Works, 1, Kimitsu, Kimitsu-shi, Chiba 2991141 (JP). HONDA, Kazuhiko [JP/JP]; C/O NIPPON STEEL CORPORATION KIMITSU WORKS, 1, Kimitsu, Kimitsu-shi, Chiba 299-1141 (JP). SUEHIRO, Masayoshi [JP/JP]; c/o NIPPON STEEL CORPORATION Technical Development Bureau, 20-1, Shintomi, Futtsu-shi, Chiba, 2938511 (JP). TAKADA, Yoshihisa [JP/JP]; c/o NIPPON STEEL CORPORATION YAWATA WORKS, 1-1, Tobihatacho, Tobata-ku, Kitakyushu-shi, Fukuoka, 8048501 (JP).

(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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL

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

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

(51)⁷ C23C 8/64, H01G 9/058, 9/016, 9/04

(11) WO 2004/087984 (13) A1

(21) PCT/JP2004/003239

(22) 11 Mar/mar 2004 (11.03.2004)

(25) ja (26) ja

(30) 2003-092983 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • CARBON-COATED ALUMINUM AND METHOD FOR PRODUCING SAME

- ALUMINIUM A REVETEMENT CARBONE ET PROCEDE PERMETTANT DE LE PRODUIRE

(71) TOYO ALUMINIUM KABUSHIKI KAISHA [JP/JP]; 6-8, Kyutaro-machi 3-Chome, Chuo-ku Osaka-shi Osaka, 5410056 (JP).

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(72, 75) RO, Akinori [JP/JP]; c/o TOYO ALUMINIUM KABUSHIKI KAISHA 6-8, Kyutaro-machi 3-Chome, Chuo-ku Osaka-shi Osaka, 5410056 (JP). ASHITAKA, Zenya [JP/JP]; c/o TOYO ALUMINIUM KABUSHIKI KAISHA 6-8, Kyutaro-machi 3-Chome, Chuo-ku Osaka-shi Osaka, 5410056 (JP).

(74) KODA, Kazuyuki; 208-B, Yao-minami Garden Terrace, 84-2, Wakabayashi-cho 1-chome Yao-shi Osaka, 5810038 (JP).

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

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

(51)⁷ C23C 14/00

(11) WO 2004/087985 (13) A2

(21) PCT/US2004/009150

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,819 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SUBSTRATES COATED WITH MIXTURES OF TITANIUM AND ALUMINUM MATERIALS, METHODS FOR MAKING THE SUBSTRATES, AND

CATHODE TARGETS OF TITANIUM AND ALUMINUM METAL

- SUBSTRATS RECOUVERTS DE MELANGES DE MATERIAUX EN TITANE ET EN ALUMINIUM, PROCEDES DE FABRICATION DESDITS SUBSTRATS, ET CIBLES CATHODIQUES DE METAUX TITANE ET ALUMINIUM

(71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, Ohio 44111 (US).

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

(72) FINLEY, James J.; 111 Cornwall Drive, Pittsburgh, PA 15238 (US).

(74) SIMINERIO, Andrew, C. et al. / etc.; PPG Industries, Inc., One PPG Place, Intellectual Property Dept., 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)⁷ C23C 14/30, H01J 37/305

(11) WO 2004/087986 (13) A1

(21) PCT/GB2004/001469

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307745.0 3 Apr/avr 2003 GB (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD AND APPARATUS FOR DEPOSITING MATERIAL ON A SUBSTRATE

- PROCEDE ET APPAREIL POUR LE DEPOT DE MATIERE SUR UN SUBSTRAT

(71) MICROEMISSIVE DISPLAYS LIMITED [GB/GB]; Scottish Microelectronics Centre, The King's Buildings, West Mains Road, Edinburgh EH9 3JF (GB).

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

(72, 75) BUCKLEY, Alastair, Robert [GB/GB]; Flat 2F2, 92 Montpellier Park, Edinburgh EH10 4NG (GB).

(74) HANSON, William, Bennett; Bromhead Johnson, Kingsbourne House, 229-231 High Holborn, London WC1V 7DP (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)⁷ C23C 14/32, H01J 37/32

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(21) PCT/IT2003/000196

(22) 2 Apr/avr 2003 (02.04.2003)

(25) it (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • ELECTRIC ARC EVAPORATION SOURCE

- TETE DE VAPORISATION A ARC ELECTRIQUE

(71) MICROCOAT S.P.A. [IT/IT]; Via Marie Curie, 1-3, I-20018 Sedriano (IT).

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

(72, 75) LURIDIANA, Sebastiano [IT/IT]; Via Marie Curie, 1-3, I-20018 Sedriano (IT).

(74) PERANI, Aurelio et al. / etc.; c/o Perani Mezzanotte & Partners, Piazza San Babila, 5, I-20122 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 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)⁷ C23C 16/18

(11) WO 2004/087988 (13) A1

(21) PCT/FR2004/000678

(22) 19 Mar/mar 2004 (19.03.2004)

(25) fr (26) fr

(30) 03/03613 25 Mar/mar 2003 FR (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR CVD DEPOSITION OF A SILVER FILM ON A SUBSTRATE

- PROCEDE POUR LE DEPOT PAR CVD D'UN FILM D'ARGENT SUR UN SUBSTRAT

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75016 PARIS (FR). QUALIFLOW [FR/FR]; Parc du Millénaire, 350, rue Alfred Nobel, F-34000 Montpellier (FR).

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(72, 75) DECAMS, Jean-Manuel [FR/FR]; 19, rue du Vercors, F-38240 Meylan (FR). GUILLON, Hervé [FR/FR]; 4, rue de la Grange, F-38240 Meylan (FR). DOPPELT,

Pascal [FR/FR]; 66, avenue Hoche, F-93130 Noisy-le-Sec (FR).

(74) SUEUR, Yvette et al. / etc.; 109, 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).

Published / Publiée : (c)

(51)⁷ C23C 16/40, B65D 1/00

(11) WO 2004/087989 (13) A1

(21) PCT/JP2004/003992

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-092265 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-206714 8 Aug/août 2003 JP (08.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CHEMICAL VAPOR DEPOSITION FILM FORMED BY PLASMA CVD PROCESS AND METHOD FOR FORMING SAME

• FILM DE DEPOT CHIMIQUE EN PHASE VAPEUR FORME PAR UN PROCEDE CVD A PLASMA ET METHODE DE FORMATION DE CE FILM

(71) TOYO SEIKAN KAISHA, LTD. [JP/JP]; 3-1, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 1000011 (JP).

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(72, 75) KOBAYASHI, Akira [JP/JP]; c/o Toyo Seikan Group Corporate Research & Development, 22-4, Okazawa-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 2400062 (JP). NAMIKI, Tsunehisa [JP/JP]; c/o Toyo Seikan Group Corporate Research & Development, 22-4, Okazawa-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 2400062 (JP). HOSONO, Hiroko [JP/JP]; c/o Toyo Seikan Group Corporate Research & Development, 22-4, Okazawa-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 2400062 (JP). KURASHIMA, Hideo [JP/JP]; c/o Toyo Seikan Group Corporate Research & Development, 22-4, Okazawa-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 2400062 (JP). IEKI, Toshihide [JP/JP]; c/o Toyo Seikan Group Corporate Research & Development, 22-4, Okazawa-cho, Hodogaya-ku, Yokohama-shi, Kanagawa 2400062 (JP).

(74) ONO, Hisazumi et al. / etc.; Nippon Shuzo Bldg., 1-21, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁵ C23C 16/50, 16/24, G03G 5/08

(11) WO 2004/087990 (13) A1

(21) PCT/JP1994/000537

(22) 31 Mar/mar 1994 (31.03.1994)

(25) ja (26) ja

(30) 5/74030 31 Mar/mar 1993 JP (31.03.1993)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PLASMA CVD METHOD USING ULTRASHORT WAVE AND PLASMA CVD APPARATUS

• PROCEDE CVD AU PLASMA EFFECTUE AVEC DES ONDES ULTRACOURTES ET APPAREIL CVD AU PLASMA

(71, 72) OKAMURA, Nobuyuki [JP/JP]; c/o Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146 (JP). YAMAGAMI, Atsushi [JP/JP]; c/o Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146 (JP). TAKAKI, Satoshi [JP/JP]; c/o Canon Kabushiki Kaisha, 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146 (JP).

(74) OGIUE, Toyonori; 3F Tamayanagi Building, 3-1, Rokubancho, Chiyoda-ku, Tokyo 102 (JP).

(81) US.

Published / Publiée : (e): 09Jul/juil 1996 (09.07.1996), 5534070

(51)⁷ C23C 16/509, 16/54

(11) WO 2004/087991 (13) A1

(21) PCT/JP2004/002082

(22) 23 Feb/fév 2004 (23.02.2004)

(25) ja (26) ja

(30) 2003-095367 31 Mar/mar 2003 JP (31.03.2003)

(30) 2003-195845 11 Jul/juil 2003 JP (11.07.2003)

(30) 2003-201172 24 Jul/juil 2003 JP (24.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THIN FILM FORMING APPARATUS AND METHOD FOR FORMING THIN FILM

• DISPOSITIF ET PROCEDE DE FABRICATION DE FILMS MINCES

(71) KONICA MINOLTA HOLDINGS, INC. [JP/JP]; 6-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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

(72, 75) MAEDA, Kikuo [JP/JP]; 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). TODA, Yoshirou [JP/JP]; 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). FUKAZAWA, Koji [JP/JP]; 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP).

(74) ARAFUNE, Hiroshi; Koyo International Patent and Law Firm, 5F, Nikko Kagurazaka Building, 18, Iwatocho, Shinjuku-ku, Tokyo 161-0832 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ C23C 18/00

(11) WO 2004/087992 (13) A2

(21) PCT/FR2004/000746

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 03/03867 28 Mar/mar 2003 FR (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE FORMATION OF A COATING OF METAL OXIDES ON AN ELECTRICALLY-CONDUCTING SUBSTRATE, RESULTANT ACTIVATED CATHODE AND USE THEREOF FOR THE ELECTROLYSIS OF AQUEOUS SOLUTIONS OF ALKALINE METAL CHLORIDES

• PROCEDE DE FORMATION D'UN REVETEMENT D'OXYDES METALLIQUES SUR UN SUBSTRAT ELECTROCONDUCTEUR, CATHODE ACTIVEE EN RESULTANT ET SON UTILISATION POUR L'ELECTROLYSE DE SOLUTIONS AQUEUSES DE CHLORURES DE METAUX ALCALINS.

(71) ATOFINA [FR/FR]; 4-8, Cours Michelet, F-92800 PUTEAUX (FR).

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

(72, 75) ANDOLFATTO, Françoise [FR/FR]; 5, rue Marguerite Yourcenar, F-69120 Vaulx En Velin (FR). JOUBERT, Philippe [FR/FR]; 2, chemin Vert, F-69160 Tassin, La Demi Lune (FR). DUBOEUF, Gérard [FR/FR]; 8, rue de la Carrière, F-69540 Irigny (FR).

(74) ATOFINA; DRDC / DPI - Att: Tartaix Jean-Yves, 4-8, cours Michelet, La Défense 10, F-92091 Paris La Défense 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).

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)⁷ C23C 22/73

(11) WO 2004/087993 (13) A2

(21) PCT/EP2004/002751

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 14 700.4 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR PRODUCING PIECES
HAVING A MODIFIED SURFACE
• PROCEDE DE FABRICATION DE
PIECES MODIFIEES EN SURFACE

(71) BEHR GMBH & CO. KG [DE/DE];
Mauserstrasse 3, 70469 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BOGER, Snjezana [HR/DE]; Rech-
bergstrasse 4, 73734 Esslingen (DE). EN-
GLERT, Peter [DE/DE]; Heideweg 7/1,
74177 Bad Friedrichshall (DE). PFITZER,
Mathias [DE/DE]; Danzinger Strasse 17,
73421 Aalen (DE). TRAUTWEIN, Ingo
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etigheim-Bissingen (DE). SEDLMEIR,
Sabine [DE/DE]; Kurfürstenstrasse 71,
74821 Mosbach (DE).

(74) BEHR GMBH & CO. KG; Intellectual
Property, G-IP, Mauserstrasse 3, 70469
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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C23C 28/00, 14/14, 14/02, 14/58, C25D
11/02

(11) WO 2004/087994 (13) A1

(21) PCT/GB2004/001317

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307380.6 31 Mar/mar 2003 GB
(31.03.2003)

(30) 0308630.3 15 Apr/avr 2003 GB
(15.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • BASE FOR DECORATIVE LAYER
• BASE POUR UNE COUCHE DECORA-
TIVE

(71) SHEFFIELD HALLAM UNIVERSITY
[GB/GB]; City Campus, Howard Street,
Sheffield S1 1WB (GB).
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les États désignés sauf US)

(72, 75) MÜNZ, Wolf-Dieter [AT/AT]; Porzel-
langasse 39-III, Vienna 9 (AT). HOV-
SEPIAN, Papken, Ehasar [GB/GB];
Sheffield Hallam University, Material Re-
search Institute, City Campus, Howard Street,
Sheffield, S1 1WB (GB).

(74) FRANKS & CO; 9-10 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C23F 11/02, C08K 3/00, C08L 67/02,
67/04, 77/12, C08K 3/22, 3/36

(11) WO 2004/087995 (13) A1

(21) PCT/US2004/008694

(22) 20 Mar/mar 2004 (20.03.2004)

(25) en (26) en

(30) 10/396,067 25 Mar/mar 2003 US
(25.03.2003)

(30) 10/453,304 3 Jun/juin 2003 US
(03.06.2003)

(30) 10/805,137 20 Mar/mar 2004 US
(20.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • BIODEGRADABLE SHAPED ARTI-
CLE CONTAINING A CORROSION

INHIBITOR AND INERT FILLER PAR-
TICLES

- ARTICLE FORME BIODEGRADABLE
CONTENANT UN INHIBITEUR DE LA
CORROSION ET DES PARTICULES DE
CHARGE INERTES

(63) US 10/676,752 (CIP)
1 Oct/oct 2003 (01.10.2003)
US 10/453,304 (CIP)
3 Jun/juin 2003 (03.06.2003)
US 10/396,067 (CIP)
25 Mar/mar 2003 (25.03.2003)
US 10/054,031 (CIP)
22 Jan/jan 2003 (22.01.2003)
US 10/054,032 (CIP)
22 Jan/jan 2003 (22.01.2003)

(71) NORTHERN TECHNOLOGIES INTER-
NATIONAL CORPORATION [US/US];
23205 Mercantile, Beachwood, OH 44120
(US).

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

(72) GENCER, Mehmet, A.; 10988 Tanager
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Donald, A.; P.O. Box 1173, Dickenson, ND
58602 (US). NARAYAN, Ramani; 4275
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LYUBLINSKI, Efim, Ya.; 35774 Spatter-
dock Lane, Solon, OH 44139 (US).

(74) LOBO, Alfred, D.; Lobo & Co. L.P.A.,
933 The Leader Bldg., 526 Superior Ave., E.,
Cleveland, OH 44114-1902 (US).

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

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)⁷ C23F 11/16

(11) WO 2004/087996 (13) A1

(21) PCT/GB2004/001373

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 0307290.7 31 Mar/mar 2003 GB
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • ENHANCING SILVER TARNISH-RESISTANCE
• AUGMENTATION DE LA RESISTANCE A LA TERNISURE DE L'ARGENT

(71) MIDDLESEX SILVER CO. LIMITED [GB/GB]; Middlesex University, Queensway, Enfield, Middlesex EN3 4SA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNS, Peter, Gammon [GB/GB]; 39 Richmond Drive, Watford, Hertfordshire WD17 3BQ (GB). HARRISON, Clare, Elizabeth [GB/GB]; 23 Salmons Road, Edmonton N9 7JT (GB).

(74) COLE, Paul, Gilbert; Lucas + Co., 135 Westhall Road, Warlingham, Surrey CR6 9HJ (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C25B

(11) WO 2004/087997 (13) A2

(21) PCT/EP2004/003342

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 03007760.6 4 Apr/avr 2003 EP (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • STRUCTURE FOR AN ELECTRO-CHEMICAL REACTOR OF THE FILTER-PRESS TYPE
• STRUCTURE POUR REACTEUR ELECTROCHIMIQUE DU TYPE FILTRE-PRESSE

(71) CASALE CHEMICALS S.A. [CH/CH]; Via Giulio Pocobelli, 6, CH-6900 Lugano-Besso (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SIOLI, Giancarlo [IT/IT]; Via Vismara, 10, I-22020 Cernobbio (IT).

(74) ZARDI, Marco; M. Zardi & Co. S.A., Via Pioda, 6, CH-6900 Lugano (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 VN YU ZA ZM ZW.

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

(51)⁷ C25B 1/24

(11) WO 2004/087998 (13) A1

(21) PCT/IN2003/000126

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • A PROCESS FOR ELECTROCHEMICAL OXIDATION OF BROMIDE TO BROMINE
• PROCEDE D'OBTENTION DE BROME PAR OXYDATION DE PROMURE PAR VOIE ELECTROCHIMIQUE

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg 110 001, New Delhi (IN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAMACHANDRAIAH, Gadde [IN/IN]; Central Salt and Marine Chemicals Research Institute, Bhavnagar 364 002, Gujarat (IN). GHOSH, Pushpito, Kumar [IN/IN]; Central Salt and Marine Chemicals Research Institute, Bhavnagar 364 002, Gujarat (IN). SUSARLA, Venkata, Rama, Krishna, Sarma [IN/IN]; Central Salt and Marine Chemicals Research Institute, Bhavnagar 364 002, Gujarat (IN).

(74) SRINIVASAN, Thiagarajan; KUMARAN & SAGAR, 84-C, C6 LANE, OFF CENTRAL AVENUE, SAINIK FARMS 110 062, NEW DELHI (IN).

(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 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).

Published / Publiée : (b)

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 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)⁷ C25B 3/00

(11) WO 2004/087999 (13) A2

(21) PCT/EP2004/002950

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 103 15 186.9 3 Apr/avr 2003 DE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR THE ANODIC ALKOXYLATION OF ORGANIC COMPOUNDS
• PROCEDE D'ALCOXYLATION ANODIQUE DE COMPOSES ORGANIQUES

(71) DEGUSSA AG [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REUFER, Christian [DE/DE]; Zim-merseestrasse 36, 63477 Maintal (DE). MÖBUS, Konrad [DE/US]; 238 Quail Run Court, Paducah, Kentucky 42001 (US). LEHMANN, Thomas [DE/DE]; Spes-sartstrasse 47, 63505 Langenselbold (DE). WECKBECKER, Christoph [DE/DE]; August-Imhof-Strasse 25, 63584 Gründau-Lieblos (DE).

(74) DEGUSSA AG; Intellectual Property Management, PATENTE und MARKEN, Standort Hanau, Postfach 13 45, 63403 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ C25C 3/00

(11) WO 2004/088000 (13) A2

(21) PCT/EP2004/003625

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 03075948.4 31 Mar/mar 2003 EP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PROCESS FOR THE ELECTROLYSIS OF ALUMINIUMSULFIDE
• PROCEDE D'ELECTROLYSE DE SULFURE D'ALUMINIUM

(71) CORUS TECHNOLOGY BV [NL/NL]; P.O. Box 10000, NL-1970 CA IJmuiden (NL).
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(72, 75) VAN DER PLAS, Dietrich, Willem [NL/NL]; Terheidenstraat 22, nl-2014 CS Haarlem (NL).

(74) HANSEN, Willem, Joseph, Maria; Corus Technology BV, P.O. Box 10000, 1970 CA IJmuiden (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)⁷ C25C 3/14

(11) WO 2004/088001 (13) A1

(21) PCT/CA2004/000459

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2,424,388 3 Apr/avr 2003 CA (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR DISPERSING ALUMINA IN A MOLTEN ELECTROLYTE CONTAINED IN AN ALUMINUM REDUCTION CELL

• PROCEDE ET APPAREIL DE DISPERSION D'ALUMINE DANS UN ELECTROLYTE FONDU CONTENU DANS UNE CELLULE DE REDUCTION DESTINEE A LA PRODUCTION D'ALUMINIUM

(71) ALCAN INTERNATIONAL LIMITED [CA/CA]; 1188 Sherbrooke Street West, Montreal, Québec H3A 3G2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLLARD, Marcel [CA/CA]; 2309 D'Ortona, Jonquière, Québec G7S 1C5 (CA).
DESCLAUX, Paul [CA/CA]; 1685 Castner, Jonquière, Québec G7S 3A5 (CA).

(74) GALE, Edwin J. 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).

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(51)⁷ C25D 13/00

(11) WO 2004/088002 (13) A1

(21) PCT/US2004/009421

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/320,050 25 Mar/mar 2003 US (25.03.2003)

(30) 60/481,550 23 Oct/oct 2003 US (23.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESSES FOR PRODUCING ELECTROPHORETIC DISPLAYS

• PROCEDES DE PRODUCTION D'AFFICHAGES ELECTROPHORETIQUES

(71) E INK CORPORATION [US/US]; 733 Concord Avenue, Cambridge, Massachusetts 02138-1002 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEBBER, Richard, M. [US/US]; Apartment No. 7, 74 Kent Street, Brookline, Massachusetts 02445 (US).
WHITESIDES, Thomas, H. [US/US]; 183 Willow Avenue, Somerville, 20 02144 (US).
DANNER, Guy, M. [US/US]; 11 Gibbens Street, Somerville, Massachusetts 02143 (US).
HERB, Craig [US/US]; 242 East Border Road, Medford, Massachusetts 02155-1106 (US).
HONEYMAN, Charles, H. [CA/US]; 19 Lee Hill Road, Roslindale, Massachusetts 02131 (US).
MCCREARY, Michael [US/US]; 3 Stacy's Way, Acton, Massachusetts 01720 (US).

(74) COLE, David, John; E Ink Corporation, 733 Concord Avenue, Cambridge, Massachusetts 02138-1002 (US).

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

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

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

(51)⁷ C25D 21/14

(11) WO 2004/088003 (13) A2

(21) PCT/DE2004/000653

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 14 279.7 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR CONTROLLING AT LEAST ONE OPERATING PARAMETER OF AN ELECTROLYTIC BATH

• PROCEDE ET DISPOSITIF POUR REGULER AU MOINS UNE GRANDEUR D'EXPLOITATION D'UN BAIN ELECTROLYTIQUE

(71) MTU AERO ENGINES GMBH [DE/DE]; Dachauer Strasse 665, 80995 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENGLER, Harald [DE/DE]; Hoher Weg 7, 27753 Delmenhorst (DE).
HEINZINGER, Jochen [DE/DE]; Erich-Hubmann-Str. 8, 85221 Dachau (DE).
JUNG, Konrad [DE/DE]; Steinweg 19, 27801 Döttingen (DE).
RATHJEN, Klaus, D. [DE/DE]; Pestruper Weg 9, 28197 Bremen (DE).
SCHMIDT, Matthias [DE/DE]; Serbitzer Ring 10, 06796 Brehna (DE).

(74) SÖLLNER, Oliver 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)⁷ C25F 3/16, F17C 1/10

(11) WO 2004/088004 (13) A1

(21) PCT/US2004/009186

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/396,795 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR REDUCING DEGRADATION OF REACTIVE COMPOUNDS DURING TRANSPORT

• PROCEDE DE REDUCTION DE LA DEGRADATION DE COMPOSES REACTIFS LORS DU TRANSPORT

(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) **BLANKS, Jeremy, Daniel** [US/US]; 133 Crystal Run Drive, Middletown, DE 19709 (US). **RAO, Velliyur, Nott, Mallikarjuna** [US/US]; 1 Georgetown Avenue, Wilmington, DE 19809 (US).

(74) **SHIPLEY, James E.**; E. I. Dupont 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).

Published / Publiée : (c)

(51)⁷ **C30B 29/16, 7/00, C01G 9/02**

(11) **WO 2004/088005** (13) A1

(21) PCT/JP2004/003903

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) ja (26) ja

(30) 2003-096286 **31 Mar/mar 2003 JP (31.03.2003)**

(30) 2003-355400 **15 Oct/oct 2003 JP (15.10.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **HIGH-DENSITY COLUMNAR ZnO CRYSTAL FILM AND PROCESS FOR PRODUCING THE SAME**

• **PELLICULE DE CRISTAUX DE ZNO COLUMNAIRES HAUTE DENSITE ET PROCEDE DE FABRICATION**

(71) **JAPAN SCIENCE AND TECHNOLOGY AGENCY** [JP/JP]; 1-8, Honcho 4-Chome, Kawaguchi-Shi, Saitama, 3320012 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRANO, Shingo** [JP/JP]; 3-24-6-M205, Shonan, Suginami-ku, Tokyo, 1670054 (JP). **KUWAHARA, Makoto** [JP/JP]; 4-8-1-706, Kami-takada, Nakano-ku, Tokyo, 1640002 (JP).

(74) **MORITAKE, Yoshiaki**; Tokyo-Chizai Patent Office Kita-yaesu Bldg. 3rd Floor, 2-11, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ

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

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

(51)⁷ **D01B 1/16, 1/28**

(11) **WO 2004/088006** (13) A1

(21) PCT/AU2004/000402

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 2003901752 **30 Mar/mar 2003 AU (30.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **APPARATUS AND METHOD FOR PROCESSING OF PLANT MATERIAL**

• **APPAREIL ET PROCEDE DE TRAITEMENT DE MATERIEL VEGETAL**

(71) **FIBRE LABORATORY PTY LTD** [AU/AU]; 20 Albert Street, Blackburn, Victoria 3130 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLARKE, Adrian, Francis, K.** [AU/AU]; 5 Bickleigh Court, Croydon Hills, VIC 3136 (AU). **DENNIS, Hamish, Gray, Seymour** [NZ/AU]; 5 Wakefield Court, Point Cook, Victoria 3030 (AU). **WILLIAMES, Geoff** [AU/AU]; Williames Hi Tech International Pty Ltd, Wills Street, Warragul, VIC 3820 (AU). **CLARKE, Adrian, Ward** [AU/AU]; 1/8 Rupert Street, Mitcham, VIC 3132 (AU). **FOX, Craig** [AU/AU]; C/-Williames Hi Tech International Pty. Ltd, Wills Street, Warragul, VIC 3820 (AU).

(74) **FB RICE & CO**; 139 Rathdowne Street, Carlton South, Victoria 3053 (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)⁷ **D01D 4/08**

(11) **WO 2004/088007** (13) A1

(21) PCT/EP2004/003212

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) de (26) de

(30) 103 14 294.0 **29 Mar/mar 2003 DE (29.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **DEVICE FOR MELT SPINNING**

• **DISPOSITIF DE FILAGE A CHAUD**

(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) **REUTTER, Tilman** [DE/DE]; Lindenallee 13, 24601 Schönböken (DE). **VOLLMERS, Christian** [DE/DE]; Am Kapellenhof 12a, 24576 Bad Bramstedt (DE).

(74) **KAHLHÖFER, Hermann**; KNH, Karlstrasse 76, 40210 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)⁷ **D01D 5/08, 4/02**

(11) **WO 2004/088008** (13) A1

(21) PCT/EP2004/003454

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) de (26) de

(30) 103 15 130.3 **3 Apr/avr 2003 DE (03.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **METHOD AND DEVICE FOR THE PRODUCTION OF BCF YARNS**

• **PROCEDE ET DISPOSITIF POUR FABRIQUER DES FILS CONTINUS GONFLANTS**

(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) **GRIMM, Arnd** [DE/DE]; Steerbrack 3, 24784 Westerrönfeld (DE). **BRENK, Joachim** [DE/DE]; Dorfstr. 58, 24616 Armstedt (DE). **BRANDT, Holger** [DE/DE]; Kleinredder 2, 24647 Ehdorf (DE).

(74) **KAHLHÖFER, Hermann**; KNH Patentanwälte, Karlstrasse 76, 40210 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)⁷ D01F 1/10, 2/00, D06M 11/42, 11/44,
11/46, 13/188, 15/263, A24D 3/14, D21H
27/08

(11) WO 2004/088009 (13) A1

(21) PCT/EP2004/003466

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 15 749.2 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CELLULOSED MOLDED ARTICLE
HAVING A FUNCTIONAL EFFECT
AND METHOD FOR PRODUCING
THE SAME
• CORPS FAÇONNÉS CELLULOSIQUES
A ACTION FONCTIONNELLE, ET
LEUR PROCÉDE DE FABRICATION

(71) THÜRINGISCHES INSTITUT FÜR
TEXTIL- UND KUNSTSTOFF-
FORSCHUNG E.V. [DE/DE]; Breidscheidt-
strasse 97, 07407 Rudolstadt-Schwarza (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BÜTTNER, Reiner [DE/DE]; Eschen-
weg 1, 07407 Rudolstadt (DE). MARK-
WITZ, Hardy [DE/DE]; Methfesselstr.
8, 07407 Rudolstadt (DE). KNOBELS-
DORF, Carmen [DE/DE]; Wöhlsdorfer Weg
34, 07318 Saalfeld (DE). BAUER, Ralf
[DE/DE]; Am Anger 9, 07407 Rudolstadt
(DE). MEISTER, Frank [DE/DE]; Au-
gust-Bebel-Str. 2A, 07407 Rudolstadt (DE).

(74) BRANDENBURG, Thomas; Lindenstrasse
1, 53773 Hennef (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 the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT 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)⁷ D01F 2/00, D02J 1/22, 13/00

(11) WO 2004/088010 (13) A1

(21) PCT/EP2004/001268

(22) 11 Feb/fév 2004 (11.02.2004)

(25) de (26) de

(30) 103 14 878.7 1 Apr/avr 2003 DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR PRO-
DUCING POST-STRETCHED CELLU-
LOSE SPUN THREADS

• PROCÉDE ET DISPOSITIF POUR PRO-
DUIRE DES FILS DE CELLULOSE
POST-ETIRES

(71) ZIMMER AKTIENGESELLSCHAFT
[DE/DE]; Borsigallee 1, 60388 Frankfurt am
Main (DE).

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

(72, 75) ZIKELI, Stefan [AT/AT]; Schacha 14,
A-4850 Timelkam (AT). WEIDINGER,
Klaus [AT/AT]; Föhrenweg 10, A-4860
Lenzing (AT). GLASER, Lutz [DE/DE];
Gebindestrasse 6, 07407 Rudolstadt
(DE). SCHUMANN, Werner [DE/DE];
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Blankenburg (DE).

(74) GRÜNECKER, KINKELDEY, STOCK-
MAIR & SCHWANHÄUSSER; Maximil-
ianstrasse 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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ D01G 19/10

(11) WO 2004/088011 (13) A1

(21) PCT/CH2004/000124

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 575/03 2 Apr/avr 2003 CH
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DRIVE FOR A CLAMPING UNIT ON A
COMBING MACHINE

• ENTRAÎNEMENT D'UN GROUPE
PINCE D'UNE PEIGNEUSE

(71) MASCHINENFABRIK RIETER AG
[CH/CH]; Patente Und Lizenzen, Kloster-
strasse 20, Winterthur 8406 (CH).

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

(72, 75) SOMMER, Daniel [CH/CH]; Obertor
7, Diessenhofen 8253 (CH). RAPOLD,
Michael [CH/CH]; Obere Schillingstrasse

7, Marthalen 8460 (CH). SLAVIK, Walter
[CH/CH]; Stadacherstrasse 41, Fehraltorf
8320 (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)⁷ D01G 19/16

(11) WO 2004/088012 (13) A1

(21) PCT/CH2004/000100

(22) 25 Feb/fév 2004 (25.02.2004)

(25) de (26) de

(30) 574/03 2 Apr/avr 2003 CH
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CLAMPING UNIT FOR A COMBING
MACHINE

• GROUPE PINCE D'UNE PEIGNEUSE

(71) MASCHINENFABRIK RIETER AG
[CH/CH]; Patente und Lizenzen, Kloster-
strasse 20, CH-8406 Winterthur (CH).

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

(72, 75) SOMMER, Daniel [CH/CH]; Obertor
7, CH-8253 Diessenhofen (CH). RAPOLD,
Michael [CH/CH]; Obere Schillingstrasse 7,
CH-8460 Marthalen (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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ D01G 19/16

(11) WO 2004/088013 (13) A1

(21) PCT/CH2004/000125

(22) 3 Mar/mar 2004 (03.03.2004)

(25) de (26) de

(30) 576/03 2 Apr/avr 2003 CH
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CLAMPING UNIT FOR A COMBING
MACHINE

• GROUPE PINCE D'UNE PEIGNEUSE

(71) **MASCHINENFABRIK RIETER AG** [CH/CH]; Patente Und Lizenzen, Klosterstrasse 20, Winterthur 8406 (CH).

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

(72, 75) **SOMMER, Daniel** [CH/CH]; Obertor 7, Diessenhofen 8253 (CH). **RAPOLD, Michael** [CH/CH]; Obere Schillingstrasse 7, Marthalen 8460 (CH). **MEDUNA, Jiri** [CZ/CZ]; Havlickova Nr. 74, Brno 602 00 (CZ).

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

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

(51)⁷ D02G 3/32

(11) **WO 2004/088014** (13) A1

(21) PCT/US2004/009514

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 10/404,203 **31 Mar/mar 2003 US (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **AIR-JET METHOD FOR PRODUCING COMPOSITE ELASTIC YARNS**

• PROCÉDE A JET D'AIR POUR PRODUIRE DES FILS ELASTIQUES COMPOSITES

(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) **BAKKER, Willem** [FR/FR]; 10, Les Terrasses D'Arbère, F-01220 Divonne (FR). **PULVERMACHER, Bernd** [DE/CH]; Chambsy, CH-1292 Geneva (CH). **VERDAN, Michel** [CH/CH]; Avenue Adrien Jeandin 6, Thonex, CH-1226 Geneva (CH). **BERTHOUD, Nicolas, Philippe** [CH/FR]; L'Eglise Vielle, F-74350 Saint Blaise (FR).

(74) **FURR, JR., Robert, B.**; 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).

Published / Publiée : (c)

(51)⁷ D02G 3/38

(11) **WO 2004/088015** (13) A1

(21) PCT/GB2004/001320

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 0307330.1 **29 Mar/mar 2003 GB (29.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **IMPROVEMENTS IN AND RELATING TO COMPOSITE MATERIALS AND STRUCTURES**

• AMELIORATIONS APORTEES ET RELATIVES A DES MATERIAUX COMPOSITES ET A DES STRUCTURES

(71) **DOW CORNING LIMITED** [GB/GB]; Cardiff Road, Barry, Vale of Glamorgan CF63 2YL (GB).

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

(72, 75) **HOOK, Patrick, Barry** [GB/GB]; The Mill House, 23 Fore Street, Witheridge, Devon EX16 8AH (GB). **EVANS, Kenneth, E.** [GB/GB]; School of Engineering, Computer Science and Mathematics, University of Exeter, North Park Road, Exeter EX4 8QF (GB). **HANNINGTON, Jonathan, Paul** [GB/GB]; 5 Heol Faenor, Beddau, Rhondda Cynon Taff CF38 2JN (GB). **HARTMANN-THOMPSON, Claire** [GB/US]; 606 East Ashman Street, Midland, MI 48642 (US). **BUNCE, Timothy, Rex** [GB/GB]; 6 Raglande Court, Llantwit Major, Vale of Glamorgan CF61 1TB (GB).

(74) **PAWLYN, Neil, Anthony**; Urquhart-Dykes & Lord LLP, Tower North Central, Merriion 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).

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(51)⁷ D02G 3/38

(11) **WO 2004/088016** (13) A1

(21) PCT/JP2003/004069

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **FIBER MATERIALS HAVING IMPROVED QUALITIES REQUIRED FOR**

CLOTHES AND METHOD OF IMPROVING THE SAME

• MATERIAUX DE FIBRES A QUALITES AMELIOREES REQUIS POUR LES VETEMENTS, ET PROCEDE D'AMELIORATION

(71, 72) **HIROTA, Yusuke** [JP/JP]; 5-6-1-704, Kamitamura, Sagami-hara-shi, Kanagawa 228-0802 (JP). **MAKIMURA, Hiroo** [JP/JP]; 1-11-9, Minamiyukigaya, Ota-ku, Tokyo 145-0066 (JP).

(74) **HANABUSA, Tsuneo et al.** / etc.; c/o Hanabusa Patent Office, 5th Floor, Shin-Ochanomizu Urban Trinity Bldg., 2, Kandasurugadai 3-chome, Chiyoda-ku, Tokyo 101-0062 (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 ES FI GB GD GE GH GM HR HU ID 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).

Published / Publiée : (b)

(51)⁵ D02J 13/00

(11) **WO 2004/088017** (13) A1

(21) PCT/JP1992/001000

(22) **5 Aug/août 1992 (05.08.1992)**

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **HEAT-TREATING DEVICE FOR YARN STRAND**

• DISPOSITIF DE TRAITEMENT THERMIQUE D'UN TORON DE FILS

(71, 72) **UEDA, Kunihiko** [JP/JP]; c/o Toray Industries, Inc., Shiga Plant, 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 520 (JP). **SANO, Takao** [JP/JP]; c/o Toray Industries, Inc., Shiga Plant, 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 520 (JP). **ARAKANE, Shuko** [JP/JP]; c/o Toray Industries, Inc., Shiga Plant, 1-1, Sonoyama 1-chome, Otsu-shi, Shiga 520 (JP).

(74) **OGAWA, Shin-ichi et al.** / etc.; Ogawa, Noguchi & Saika International Patent Office, Pelican Building, 3-3, Nishi-Shinbashi 3-chome, Minato-ku, Tokyo 105 (JP).

(81) US.

Published / Publiée : (e): 10Dec/déc 1996 (10.12.1996), 5581909

(51)⁷ D02J 13/00

(11) **WO 2004/088018** (13) A1

(21) PCT/JP2004/003692

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) ja (26) ja

(30) 2003-093396 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MANUFACTURING METHOD AND CONTINUOUS DRYING APPARATUS FOR HEAD DECORATING REGENERATED COLLAGEN FIBER

- PROCEDE DE FABRICATION ET APPAREIL DE SECHAGE EN CONTINU POUR UNE FIBRE DE COLLAGENE REGENEREE DE DECORATION DE TETE

(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-Chome, Kita-ku, Osaka-shi, Osaka 5308288 (JP). DOHNO, Yoshihisa [JP/JP]; Toba, 1978-10-205, Akashi-shi, Hyogo 6730003 (JP). ONO, Kouji [JP/JP]; 11-30, Kitase 6-chome, Kurashiki-shi, Okayama 7128032 (JP). UKU, Kouji [JP/JP]; 1-5-1-702, Fukaekitamachi, Higashinada-ku, Kobe-shi, Hyogo 6580013 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(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).

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(51)⁷ D03D 15/12, 15/00, A41D 31/00

(11) WO 2004/088019 (13) A1

(21) PCT/BE2003/000061

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BASALT CONTAINING FABRIC

- TEXTILE CONTENANT DU BASALTE

(71) GROEP MASUREEL VEREDELING [BE/BE]; Zuidstraat 18, B-8560 Wevelgem (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEGROOTE, Karel [BE/BE]; Keiberg 51, B-8552 Zwevegem (BE).

(74) POWIS DE TENEBOSCH, Roland et al. / etc.; Cabinet Bede, Boulevard General Wahis 15, B-1030 Brussels (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 ES FI GB GD GE GH GM HR HU ID 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)⁷ D04B 21/14

(11) WO 2004/088020 (13) A1

(21) PCT/JP2004/004449

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-096726 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANTI-SLIPPAGE THREE DIMENSIONAL WARP KNITTED FABRIC

- TRICOT A MAILLES JETTES TRIDIMENSIONNEL ANTIDERAPANT

(71) SEIREN CO. LTD. [JP/JP]; 10-1, Keya 1-chome, Fukui-shi, Fukui, 9188560 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIRASAKI, Fumio [JP/JP]; c/o SEIREN CO., LTD. 10-1, Keya 1-chome, Fukui-shi, Fukui, 9188560 (JP). KANEKO, Yukito [JP/JP]; c/o SEIREN CO., LTD. 10-1, Keya 1-chome, Fukui-shi, Fukui, 9188560 (JP).

(74) SHIRASAKI, Shinji; SHIRASAKI INTERNATIONAL PATENT OFFICE 5th Floor, Mikado Bldg., 29-21 Takadanobaba 1-chome, Shinjuku-ku, Tokyo, 1690075 (JP).

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

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

(51)⁷ D04B 21/14

(11) WO 2004/088021 (13) A1

(21) PCT/JP2004/004566

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-095265 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WARP KNIT FABRIC WITH STERIC STRUCTURE

- TISSU A MAILLES JETTES A STRUCTURE STERIQUE

(71) SEIREN CO., LTD. [JP/JP]; 10-1, Keya 1-chome, Fukui-shi, Fukui 918-8560 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIRASAKI, Fumio [JP/JP]; c/o Seiren Co., Ltd., 10-1, Keya 1-chome, Fukui-shi, Fukui 918-8560 (JP). KANEKO, Yukito

[JP/JP]; c/o Seiren Co., Ltd., 10-1, Keya 1-chome, Fukui-shi, Fukui 918-8560 (JP).

(74) TSUTADA, Akiko et al. / etc.; 9th Floor, Nissei Bingomachi Bldg., 7-10, Bingomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).

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

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

(51)⁷ D04B 35/00, G06F 17/50

(11) WO 2004/088022 (13) A1

(21) PCT/JP2004/003440

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-094039 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR KNIT DESIGN

- PROCEDE ET DISPOSITIF POUR CONCEPTION DE TRICOT

(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) TERA, Koichi [JP/JP]; c/o SHIMA SEIKI MANUFACTURING, LTD. 85, Sakata Wakayama-shi Wakayama, 6410003 (JP). NISHIDA, Kenji [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)⁷ D04H

(11) WO 2004/088023 (13) A2

(21) PCT/US2004/009505

(22) 26 Mar/mar 2004 (26.03.2004)

- (25) en (26) en
- (30) 60/457,607 **26 Mar/mar 2003** US
(26.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • STRUCTURALLY STABLE FLAME-RETARDANT NONWOVEN FABRIC
• NON-TISSE IGNIFUGE STRUCTURELLEMENT STABLE
- (71) POLYMER GROUP, INC. [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) HARTGROVE, Herbert; 8335 NC Highway, 210 N., Angier, NC 27501 (US). RABON, Gregory; 45 Austin Pond Road, Clayton, NC 27520 (US). TINDALL, Russell; 4861 Hearthstone Road, Clemmons, NC 27201 (US).
- (74) GEIMER, Stephen, D.; Wood, Phillips, Katz, Clark & Mortimer, 500 West Madison Street, Suite 3800, Chicago, IL 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).
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- (51)⁷ D04H 13/00, B60R 13/08, B32B 5/26, E04B 1/82, G10K 11/162
- (11) WO 2004/088025 (13) A1
- (21) PCT/CH2004/000193
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) en (26) en
- (30) 555/03 **31 Mar/mar 2003** CH
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ACOUSTICALLY EFFECTIVE NON-WOVEN MATERIAL FOR VEHICLE LINERS
• MATERIAU NON-TISSE A EFFET ACOUSTIQUE, DESTINE A DES ELEMENTS DE GARNITURE POUR VEHICULES
- (71) RIETER TECHNOLOGIES AG [CH/CH]; Schlosstalstrasse 43, CH-8406 Winterthur (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDEREGG, Peter [CH/CH]; Rychenbergstrasse 21, CH-8400 Winterthur (CH).
- (74) SEIFERT, Hans, Ulrich; Felber, Seifert & Partner, Dufourstrasse 116, P.O. Box 380, 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)⁷ D04H 1/42
- (11) WO 2004/088024 (13) A1
- (21) PCT/JP2004/004501
- (22) 30 Mar/mar 2004 (30.03.2004)
- (25) ja (26) ja
- (30) 2003-094397 **31 Mar/mar 2003** JP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • NONWOVEN FABRIC AND PROCESS FOR PRODUCING THE SAME
• NONTISSE ET SON PROCEDE DE PRODUCTION
- (71) TEIJIN LIMITED [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 5410054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOMURA, Shinya [JP/JP]; c/o Teijin Limited, Iwakuni Research Center 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 7400014 (JP). MIYOSHI, Takanori [JP/JP]; c/o Teijin Limited, Iwakuni Research Center 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 7400014 (JP). SUMI, Yoshihiko [JP/JP]; c/o Teijin Limited, Tokyo Research Center 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 1910065 (JP). MINEMATSU, Hiromasa [JP/JP]; c/o Teijin Limited, Iwakuni Research Center 2-1, Hinode-cho, Iwakuni-shi, Yamaguchi 7400014 (JP).
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- (51)⁷ D04H 13/00, B32B 5/26
- (11) WO 2004/088026 (13) A1
- (21) PCT/EP2004/003175
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) de (26) de
- (30) 103 14 552.4 **31 Mar/mar 2003** DE
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND DEVICE FOR PRODUCING A NONWOVEN COMPOSITE
• PROCEDE ET DISPOSITIF POUR PRODUIRE UN NON-TISSE COMPOSITE
- (71) RIETER AUTOMATIK GMBH [DE/DE]; Ostring 19, 63762 Grossostheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NICKEL, Axel [DE/DE]; Enzlinger Berg 25, 63864 Glattbach (DE). GLAWION, Erwin [DE/DE]; Anne-Frank-Strasse 21, 63762 Grossostheim (DE).
- (74) BARDEHLE, Heinz; 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D06B 7/00
- (11) WO 2004/088027 (13) A1
- (21) PCT/IT2004/000165
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) FI2003 A 000088 **2 Apr/avr 2003** IT
(02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND MACHINE FOR TREATING TEXTILE MATERIALS BY AMMONIA OR OTHER LIQUIDS
• PROCEDE ET MACHINE POUR TRAITER DES MATIERES TEXTILES AVEC DE L'AMMONIAC OU D'AUTRES LIQUIDES
- (71) BIANCALANI S.P.A. [IT/IT]; Via Menichetti 28, I-59100 Prato (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BIANCALANI, Massimo [IT/IT]; Via M. Marosi 37, I-59100 Prato (IT). RAVAGLI, Riccardo [IT/IT]; Via Marradi 36, I-51100 Pistoia (IT).
- (74) MANNUCCI, Michele et al. / etc.; Uff. Tecn. Ing. A. Mannucci S.r.l., Via della Scala 4, I-50123 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)⁷ D06L 3/06, 3/12, C11D 3/395

(11) WO 2004/088028 (13) A1

(21) PCT/US2004/009596

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 03447068.2 28 Mar/mar 2003 EP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • BLEACHING COMPOSITION COMPRISING AN ALKOXYLATED BENZOIC ACID
• COMPOSITION DE BLANCHIMENT COMPRENANT UN ACIDE BENZOIQUE ALCOXYLE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
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(72, 75) BRIATORE, Andrea [IT/IT]; Via E. Scarfoglio, 48, I-60023 Chieti (IT). GAGLIARDINI, Alessandro [IT/IT]; Via Castelfellino, 14, I-60035 Jesi (IT). MOSS, Michael, Alan, John [GB/IT]; Largo Ogliata Isola, 9C, I-00123 Rome (IT). TODINI, Oreste [IT/IT]; Via Garibaldi, 26A, I-00060 Rome (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).

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(25) en (26) en

(30) 10/405,408 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • DISPOSABLE, PAPER-BASED HOSPITAL AND OPERATING THEATER PRODUCTS

• PRODUITS EN PAPIER JETABLES POUR HOPITAUX ET SALLES D'OPERATION

(71) THE CUPRON CORPORATION [US/US]; c/o Law Offices of Mr. Sylavin Jakabovics, 18 East 41st Street, New York, NY 10017 (US).

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(72, 75) GABBAY, Jeffrey [IL/IL]; 14 Jabotinsky Street, Apt. 21, 92142 Jerusalem (IL).

(74) WOLFF, BREGMAN AND GOLLER; P.O. Box 1352, 91013 Jerusalem (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)⁷ D06M 15/11, C08B 30/00, 33/00

(11) WO 2004/088030 (13) A1

(21) PCT/FR2004/000758

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 03/03911 28 Mar/mar 2003 FR (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • NOVEL COMPOSITION BASED ON VEGETABLE STARCH FOR THE FINISHING OF MATERIALS, PARTICULARLY FOR USE ON TEXTILES
• NOUVELLE COMPOSITION A BASE D'AMIDON DE LEGumineuses POUR L'ENNOBLISSEMENT DE MATIERIAUX, NOTAMMENT A USAGE TEXTILE

(71) ROQUETTE FRERES [FR/FR]; F-62080 Lestrem (FR).
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(72, 75) SERPELLONI, Michel [FR/FR]; 155, route Nationale, F-62660 Beuvry-les-Bethune (FR).

(74) VERCAEMER, Laurence 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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(11) WO 2004/088031 (13) A2

(21) PCT/EP2004/050353

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 565/03 1 Apr/avr 2003 CH (01.04.2003)

(30) 03104262.5 18 Nov/nov 2003 EP (18.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • MIXTURES OF REACTIVE DYES AND THEIR USE
• MELANGES DE COLORANTS REACTIFS ET UTILISATION DE CES DERNIERS

(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) TZIKAS, Athanassios [CH/CH]; Unterer Rütshetenweg 36, CH-4133 Pratteln (CH). ROENTGEN, Georg [DE/DE]; Pochgasse 13, 79104 Freiburg (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)⁷ D21C 11/00, C11B 13/02

(11) WO 2004/088032 (13) A2

(21) PCT/FI2004/000208

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 20030510 3 Apr/avr 2003 FI (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR RECYCLING SULPHUR IN A PULP PRODUCTION PROCESS

- PROCEDE PERMETTANT DE RECYCLER DU SOUFRE DANS UN PROCESSUS DE PRODUCTION DE PATE A PAPIER
- (71) KEMIRA OYJ [FI/FI]; Porkkalankatu 3, FI-00180 HELSINKI (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARÉN, Aarto [FI/FI]; Verkkokatu 3 A 5, FI-65230 VAASA (FI). NYMAN, Juhani [FI/FI]; Hintantie 58 C, FI-90650 OULU (FI). VIITASAARI, Jukka [FI/FI]; Auringonkatu 6 C 11, FI-02210 ESPOO (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).
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- (51)⁷ D21C 11/00, C11B 13/02
- (11) WO 2004/088033 (13) A2
- (21) PCT/FI2004/000209
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 20030510 3 Apr/avr 2003 FI (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • RECYCLING OF SULPHUR IN A PULP PRODUCTION PROCESS
- RECYCLAGE DE SOUFRE DANS UN PROCEDE DE PRODUCTION DE PATE A PAPIER
- (71) KEMIRA OYJ [FI/FI]; Porkkalankatu 3, FI-00180 HELSINKI (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PARÉN, Aarto [FI/FI]; Verkkokatu 3 A 5, FI-65230 VAASA (FI). NYMAN, Juhani [FI/FI]; Hintantie 58 C, FI-90650 OULU (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).
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- (51)⁷ D21H 17/46, 21/00, 27/00
- (11) WO 2004/088035 (13) A1
- (21) PCT/FI2004/000200
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) fi (26) en
- (30) 20030490 1 Apr/avr 2003 FI (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR PRODUCING A FIBROUS COMPOSITION
- PROCEDE DE PRODUCTION D'UNE COMPOSITION FIBREUSE
- (71) M-REAL OYJ [FI/FI]; Revontulentie 6, Espoo, FI-02100 (FI).
(for all designated States except / pour tous les États désignés sauf US)

- (51)⁷ D21H
- (11) WO 2004/088034 (13) A2
- (21) PCT/EP2004/002807
- (22) 18 Mar/mar 2004 (18.03.2004)
- (25) en (26) en
- (30) 60/459,835 2 Apr/avr 2003 US (02.04.2003)
- (30) 0401313.2 22 Jan/jan 2004 GB (22.01.2004)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • AQUEOUS COMPOSITIONS AND THEIR USE IN THE MANUFACTURE OF PAPER AND PAPERBOARD
- COMPOSITIONS AQUEUSES ET LEUR UTILISATION DANS LA FABRICATION DE PAPIER ET DE CARTON
- (71) CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED [GB/GB]; Cleckheaton Road, Low Moor, Bradford, West Yorkshire BD12 0JZ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DONNELLY, Simon [GB/FR]; 24, rue de l'Altenbach, 68730 Michelbach Le Bas (FR). FORD, Philip, A. [GB/US]; 8957 River Crescent, Suffolk, VA 23433 (US). Rys, Laurence, J. [US/GB]; 10 Sagars Road, Handforth, Wilmslow, Cheshire SK9 3EE (GB).
- (74) CIBA SPECIALTY CHEMICALS WATER TREATMENTS LIMITED; Patents Department, Cleckheaton Road, Low Moor, Bradford, West Yorkshire BD12 0JZ (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)⁷ D21H 17/46, 21/00, 27/00
- (11) WO 2004/088035 (13) A1
- (21) PCT/FI2004/000200
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) fi (26) en
- (30) 20030490 1 Apr/avr 2003 FI (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR PRODUCING A FIBROUS COMPOSITION
- PROCEDE DE PRODUCTION D'UNE COMPOSITION FIBREUSE
- (71) M-REAL OYJ [FI/FI]; Revontulentie 6, Espoo, FI-02100 (FI).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) AHO, Outi [FI/DK]; Kastelsvej 17, DK-2100 Copenhagen (DK). GÄDDA, Lars [FI/FI]; Erssintie 7 C 9, FI-02750 Espoo (FI). PELTONEN, Soili [FI/FI]; Sointulantie 33, FI-05200 Rajamäki (FI). IMMONEN, Kirsi [FI/FI]; Ulvilantie 15 B 49, FI-00350 Helsinki (FI). LIUKKONEN, Sari [FI/FI]; Kuutamokatu 8 B 19, FI-02210 Espoo (FI). FUNCK, Heli [FI/FI]; Nikolsbergantie 64-14, FI-01180 Kalkkiranlahti (FI).
- (74) SEPPÖ 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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ D21H 21/16
- (11) WO 2004/088036 (13) A1
- (21) PCT/SE2004/000306
- (22) 4 Mar/mar 2004 (04.03.2004)
- (25) en (26) en
- (30) 03445042.9 1 Apr/avr 2003 EP (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DISPERSION
- DISPERSION
- (71) AKZO NOBEL N.V. [NL/NL]; P.O. Box 9300, NL-6800 SB Arnhem (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (71) EKA CHEMICALS AB [SE/SE]; - (SE).
(only for / seulement pour SE)
- (72, 75) KRÜCKEL, Ralf [DE/DE]; Bahnhofstrasse 9, 52379 Langerwehe (DE).
- (74) JÖNSSON, Christer; Eka Chemicals AB, Patent Department, P.O. Box 11556, S-100 61 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)⁷ D21H 21/44, G07D 7/02
- (11) WO 2004/088037 (13) A1
- (21) PCT/FI2004/000202

- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) fi (26) en
- (30) 20030492 1 Apr/avr 2003 FI (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PAPER- OR CARDBOARD-BASED SECURITY PRODUCT
- PRODUIT DE SURETE UTILISANT DU PAPIER OU DU CARTON
- (71) M-REAL OYJ [FI/FI]; Revontulentie 6, FI-02100 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) AHO, Outi [FI/DK]; Kastelsvej 17, DK-2100 Copenhagen (DK). GÄDDA, Lars [FI/FI]; Erssintie 7 C 9, FI-02750 Espoo (FI). MUSTONEN, Tuomas [FI/FI]; Humpakkuja 6 B 13, FI-40520 Jyväskylä (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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ D21H 25/14, 27/00
- (11) WO 2004/088038 (13) A1
- (21) PCT/JP2004/004689
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-097433 31 Mar/mar 2003 JP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR PRODUCING CAST COATED PAPER AND APPARATUS THEREFOR
- PROCEDE PERMETTANT DE PRODUIRE UN PAPIER COUCHE A HAUT BRILLANT ET SON APPAREIL DE FABRICATION
- (71) NIPPON PAPER INDUSTRIES CO., LTD. [JP/JP]; 4-1, Oji 1-chome, Kita-ku, Tokyo 1140002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ONO, Katsumasa [JP/JP]; c/o Nippon Paper Industries Co., Ltd., Pulp and Paper Research Laboratory, 21-1, Oji 5-chome, Kita-ku, Tokyo 1140002 (JP). TODOROKI, Hidenobu [JP/JP]; c/o Nippon Paper Industries Co., Ltd., Pulp and Paper Research Laboratory, 21-1, Oji 5-chome, Kita-ku, Tokyo 1140002 (JP). ABE, Yuji [JP/JP]; c/o Nippon Paper Industries Co., Ltd., Pulp and Paper Research Laboratory, 21-1, Oji 5-chome, Kita-ku, Tokyo 1140002 (JP).
- (74) SHAMOTO, Ichio et al. / etc.; Yuasa and Hara, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 1000004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E01B 1/00
- (11) WO 2004/088040 (13) A1
- (21) PCT/EP2004/003279
- (22) 27 Mar/mar 2004 (27.03.2004)
- (25) de (26) de
- (30) 103 14 926.0 1 Apr/avr 2003 DE (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND ADJUSTING MEANS FOR ADJUSTING THE POSITION OF A PRECAST CONCRETE SLAB AND A CORRESPONDING PRECAST CONCRETE SLAB
- PROCEDE ET AUXILIAIRE DE REGLAGE PERMETTANT D'AJUSTER LA POSITION D'UNE DALLE PREFABRIQUEE EN BETON, ET DALLE PREFABRIQUEE EN BETON CORRESPONDANTE
- (71) MAX BÖGL BAUUNTERNEHMUNG GMBH & CO. KG [DE/DE]; Postfach 1120, 92301 Neumarkt (DE).
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- (72, 75) ABLINGER, Peter [AT/AT]; Hanns-Bauer-Strasse 1, A-4650 Lambach (AT). ZACHLEHNER, Andres [DE/DE]; Muckenstürmer Strasse 29, 69469 Weinheim (DE). HILLER, Udo [DE/DE]; Klara-Schumann-Strasse 28, 92331 Parsberg (DE).
- (74) BERGMEIER, Werner; Friedrich-Ebert-Strasse 84, 85055 Ingolstadt (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)⁷ E01B 9/16, F16B 13/14
- (11) WO 2004/088041 (13) A1
- (21) PCT/FR2004/000542
- (22) 8 Mar/mar 2004 (08.03.2004)
- (25) fr (26) fr
- (30) 03/03401 20 Mar/mar 2003 FR (20.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OF REPAIRING A RAILWAY RAIL ANCHOR ON A WOODEN SLEEPER
- PROCEDE DE REPARATION D'UN ANCRAGE DE RAIL DE CHEMIN DE FER SUR UNE TRAVERSE EN BOIS ET INSERT UTILISE POUR LA MISE EN OEUVRE DE CE PROCEDE
- (71) VAPE RAIL INTERNATIONAL [FR/FR]; Boîte postale 42, Centre d'affaires Valeurop, 1, avenue de l'Europe, F-01102 Oyonnax Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAHIKIAN, Edmond** [FR/FR]; 10, rue Paul Painlevé, F-01130 Nantua (FR). **RIGAUDIER, Yves** [FR/FR]; 30, rue Champ Montant, F-01590 Dortan (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)⁷ **E01B 35/00, G01B 5/25**

(11) **WO 2004/088042** (13) A1

(21) PCT/EP2004/003280

(22) **27 Mar/mar 2004 (27.03.2004)**

(25) de (26) de

(30) 103 14 925.2 **1 Apr/avr 2003** DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR ADJUSTING THE POSITION OF A PRECAST CONCRETE PLATE AND A MEASURING GAUGE
• PROCEDE POUR AJUSTER LA POSITION D'UNE PLAQUE D'ELEMENT PREFABRIQUE EN BETON ET JAUGE DE MESURE

(71) **MAX BÖGL BAUNTERNEHMUNG GMBH & CO. KG** [DE/DE]; Postfach 1120, 92301 Neumarkt (DE).
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(72, 75) **ABLINGER, Peter** [AT/AT]; Hanns-Bauer-Strasse 1, A-4650 Lambach (AT). **ZACHLEHNER, Andres** [DE/DE]; Muckenstürmer Strasse 29, 69469 Weinheim (DE).

(74) **BERGMEIER, Werner**; Friedrich-Ebert-Strasse 84, 85055 Ingolstadt (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 :

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(51)⁷ **E01C 9/00, E01H 3/04**

(11) **WO 2004/088043** (13) A1

(21) PCT/DE2004/000629

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) de (26) de

(30) 103 15 099.4 **2 Apr/avr 2003** DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR IRRIGATING ROADWAYS

• DISPOSITIF D'ARROSAGE DE ROUTES

(71) **EVERTZ HYDROTECHNIK GMBH & CO. KG** [DE/DE]; Basaltstrasse 4, 57562 Herdorf (DE).

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(72, 75) **MÖSER, Manfred** [DE/DE]; Mari-alindenerstrasse 7, 51491 Overath (DE). **ROSENBAUER, Thomas** [DE/DE]; Elbener Weg 3, 57580 Gebhardshain (DE). **KRIEGER, Matthias** [DE/DE]; Leystrasse 8, 57555 Mundersbach (DE). **EVERTZ, Egon** [DE/DE]; Vorländer Strasse 23, 42659 Solingen (DE).

(74) **VOMBERG, Friedhelm**; Schulstrasse 8, 42653 Solingen (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)⁷ **E01F 15/14**

(11) **WO 2004/088044** (13) A1

(21) PCT/NL2004/000217

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 1023057 **31 Mar/mar 2003** NL
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PILLAR PROTECTION ASSEMBLY

• ENSEMBLE DE PROTECTION POUR PILIER

(71) **VAN DEN DONKER, Cornelis** [NL/NL]; De Kolk 51-53, NL-8255 PD Swifterbant (NL).

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(72, 75) **ENGELBRECHT, Don, Stephan** [NL/NL]; Kijkduin-straat 16, NL-1055 XZ Amsterdam (NL).

(74) **VAN WESTENBRUGGE, Andries et al.** / etc.; Nederlandsch Octrooibureau, 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).

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(51)⁷ **E01H 1/12**

(11) **WO 2004/088045** (13) A1

(21) PCT/CA2004/000452

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 2,424,414 **3 Apr/avr 2003** CA
(03.04.2003)

(30) 2,436,113 **14 Jul/juil 2003** CA
(14.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISPOSABLE MANUAL WASTE COLLECTION CONTAINMENT

• CONTENANT JETABLE POUR LE RA-MASSAGE MANUEL DE DECHETS

(71) **KABOUM. COM INC.** [CA/CA]; 1100 West, René-Lévesque Blvd., 25th Floor, Montréal, Québec H3B 5C9 (CA).
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(72, 75) **KOURI, Dany** [CA/CA]; 250 des Marquisais, Ste-Thérèse, Québec J7E 5J5 (CA).

(74) **FOURNIER, Claude et al.** / etc.; Brouillette Kosie Prince, 25th Floor, 1100 René-Lévesque Blvd. West, Montréal, Québec H3B 5C9 (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)⁷ **E01H 1/12**

(11) **WO 2004/088046** (13) A1

(21) PCT/US2004/009109

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/458,594 **28 Mar/mar 2003** US
(28.03.2003)

(30) 60/476,686 **6 Jun/juin 2003** US
(06.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WASTE COLLECTION DEVICE

- DISPOSITIF DE COLLECTE DE DECHETS

(71, 72) PERKITNY, Jerzy [PL/US]; 17810 Lake Road, Lakewood, OH 44107 (US). GOOD, Sidney, R. [US/US]; 2043 Random Road, #07, Cleveland, OH 44106 (US).

(74) MOLDOVANYI, Jay, F.; Fay, Sharpe, Fagan, Minnich & McKee, LLP, Seventh Floor, 1100 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).

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(51)⁷ E02B 3/14

(11) WO 2004/088047 (13) A1

(21) PCT/KR2004/000709

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ko (26) en

(30) 10-2003-0020456 1 Apr/avr 2003 KR (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BLOCK FOR EMBANKMENT

- BLOC DE REMBLAI

(71, 72) LEE, Kang-San [KR/KR]; 490-1, sim-gok 2 Dong, Wonnigu, Buchen Si., Kyung Ki Do 420-829 (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)⁷ E02D 29/02

(11) WO 2004/088048 (13) A1

(21) PCT/IB2004/000097

(22) 16 Jan/jan 2004 (16.01.2004)

(25) en (26) en

(30) 60/459,636 3 Apr/avr 2003 US (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HOLLOW CONCRETE RETAINING BLOCK WITH DIVIDER

- BLOC DE RETENUE CREUX EN CIMENT AVEC UN SEPARATEUR

(71, 72) VILJOEN, André [ZA/ZA]; P.O. Box 4423, 1240 White River (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 PT RO SE 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 designations

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(51)⁷ E02F 3/92, E21B 7/18, E21C 25/60, E21B 21/16

(11) WO 2004/088049 (13) A1

(21) PCT/DE2004/000545

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 15 335.7 3 Apr/avr 2003 DE (03.04.2003)

(30) 103 18 720.0 25 Apr/avr 2003 DE (25.04.2003)

(30) 103 20 238.2 7 May/mai 2003 DE (07.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PNEUMATICALLY PICKING UP SOIL FOR USE IN SUCTION DEVICES AND SUCTION TUBE FOR THIS PURPOSE AND USE OF SAID SUCTION TUBE

- PROCÉDE DE RECEPTION PNEUMATIQUE DE TERRE DU SOUS-SOL POUR DISPOSITIFS D'ASPIRATION, TUBE D'ASPIRATION CORRESPONDANT, ET UTILISATION D'UN TEL TUBE D'ASPIRATION

(71, 72) BRAUN, Alfons [DE/DE]; Marktstrasse 18, 76726 Gernersheim (DE). WALTHER, Frank [DE/DE]; Obergartenstrasse 34, 67360 Lingenfeld (DE). WALTHER, Rolf [DE/DE]; Amselweg 20, 67263 Lustadt (DE).

(74) MIERSWA, Klaus; Friedrichstrasse 171, 68199 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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(51)⁷ E03B 11/08

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(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 203 05 477.6 3 Apr/avr 2003 DE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PASSAGE GATE

- DISPOSITIF ANTI-PASSAGE

(71) BRÜDER SIEGEL GMBH + CO.KG [DE/DE]; Hauptstrasse 103, 89343 Jettigen-Scheppach (DE).

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(72) BENZ, Markus; Windhausner Str. 7, 89344 Aislingen (DE).

(74) GRÄTTINGER & PARTNER; Wittelsbacher Str. 5, 82319 Starnberg (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)⁷ E03C 1/02

(11) WO 2004/088051 (13) A1

(21) PCT/AU2004/000415

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003901522 2 Apr/avr 2003 AU (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WATER RECOVERY SYSTEMS AND CONTROL VALVES

- SYSTEMES DE RECUPERATION D'EAU ET SOUPAPES DE COMMANDE

(71, 72) WILLSFORD, Andrew, Donald [AU/AU]; 20 Haven Road, Upper Brookfield, QLD 4069 (AU). MURRAY, Christopher, James [AU/AU]; 168 Upper Brookfield Road, Brookfield, QLD 4069 (AU).

(74) AHEARN FOX; Patent & Trade Mark Attorneys, GPO Box 1149, Brisbane, QLD 4001 (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)⁷ E03D 9/00

(11) WO 2004/088052 (13) A2

(21) PCT/FR2004/000772

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr (26) fr

(30) 03/03709 26 Mar/mar 2003 FR (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTIPURPOSE BASE FOR SANITARY WARE

• EMBASE MULTIFONCTIONS POUR SANITAIRE

(71, 72) MAUDUIT, Daniel [FR/FR]; Les Landes, F-72270 Mezeray (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)⁷ E04B 1/28

(11) WO 2004/088053 (13) A1

(21) PCT/KR2004/000626

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ko (26) en

(30) 20-2003-0010006 2 Apr/avr 2003 KR (02.04.2003)

(30) 10-2003-0022010 8 Apr/avr 2003 KR (08.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • JOINT OF PILLAR AND BEAM

• ELEMENT D'ASSEMBLAGE DE PILLIER ET DE POUTRE

(71, 72) KIM, Young Mok [KR/KR]; 448-11 Hongun-1-dong, Seodaemun-gu, Seoul 120-101 (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

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

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

(51)⁷ E04B 1/58, 1/18, E04H 17/14, 17/20, E04G 7/20, 7/22, 7/24, 7/26, F16B 12/44, A47B 47/00

(11) WO 2004/088054 (13) A1

(21) PCT/AU2004/000430

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003901670 2 Apr/avr 2003 AU (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A MODULAR CONNECTION SYSTEM FOR CONNECTING ELONGATE ELEMENTS

• SYSTEME D'ATTACHE MODULAIRE D'ELEMENTS ALLONGES

(71, 72) SAVARTON, Franek [GB/AU]; 1195 Burma Road, Yundi RSD, S.A. 5172 (AU). SAVARTON, Stanley [GB/AU]; 22 William Road, Christies Beach, S.A. 5165 (AU).

(74) PHILLIPS ORMONDE & FITZPATRICK; 367 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)⁷ E04B 1/70

(11) WO 2004/088055 (13) A1

(21) PCT/AT2004/000114

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) A 530/2003 4 Apr/avr 2003 AT (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR RECEIVING AND RELEASING FREE FORMS OF ENERGY BY RADIATION

• DISPOSITIF POUR RECEVOIR ET DIFFUSER DES FORMES D'ENERGIE LIBRES

(71, 72) SCHWARZER, Günther [AT/AT]; Fasangasse 3, A-2732 Willendorf (AT).

(74) MATSCHNIG, Franz; Siebensterngasse 54, A-1071 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).

(51)⁷ E04C

(11) WO 2004/088056 (13) A2

(21) PCT/RU2004/000088

(22) 27 Feb/fév 2004 (27.02.2004)

(25) ru (26) ru

(30) 2003108518 31 Mar/mar 2003 RU (31.03.2003)

(30) 2003108519 31 Mar/mar 2003 RU (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING GLAZED BRICKS AND A GLAZE

• PROCEDE DE PRODUCTION DE BRIQUES VERNISSEES ET DE GLAZURE

(71) OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU NPP "KRONA-SM" [RU/RU]; ul. Tikchaya, 1, Novosibirsk, 630058 (RU).

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(72, 75) ABRAMOV, Anatoliy Kuzmich [RU/RU]; ul. Russkaya, 5-144, Novosibirsk, 630058 (RU). PECHERICHENKO, Vladimir Konstantinovich [RU/RU]; ul. Rossiiskaya, 13-45, Novosibirsk, 630117 (RU). SOTNIKOV, Valeriy Vasilievich [RU/RU]; ul. Arbuzova, 5-156, Novosibirsk, 630117 (RU). SOTNIKOVA, Dariya Demianovna [RU/RU]; ul. Arbuzova, 5-156, Novosibirsk, 630117 (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04C 1/39

(11) WO 2004/088057 (13) A1

(21) PCT/KR2003/000784

(22) 17 Apr/avr 2003 (17.04.2003)

- (25) en (26) en
- (30) 10-2003-0020813 **2 Apr/avr 2003** KR
(02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • WOODEN BRICK AND WALL BODY USING THE SAME
• BRIQUE EN BOIS ET CORPS DE MUR COMPRENANT CETTE DERNIERE
- (71, 72) PARK, Jong-Ryul [KR/KR]; 1-349, North Ahyn 3 dong, Seodaemoon-gu, Seoul 120-865 (KR).
- (74) LEE, Man-Jae; Woosung Bldg. 3F., 827-47, Yeoksam-dong, Gangnam-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 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)⁷ E04C 3/11

(11) WO 2004/088058 (13) A1

(21) PCT/AU2004/000420

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 2003901462 **1 Apr/avr 2003** AU
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRUSS-PURLIN CONNECTION & TRUSS-BATTEN CONNECTION
• LIAISON ENTRETOISE-PANNE ET LIAISON ENTRETOISE-LITEAU

(71) WEEKS PEACOCK QUALITY HOMES PTY. LTD. [AU/AU]; 712-714 South Road, Glandore, South Australia 5037 (AU).
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(72, 75) WEEKS, Kevin, William [AU/AU]; 712-714 South Road, Glandore, South Australia 5037 (AU).

(74) PIZZEYS; Suite 6, Level 2, Woden Plaza Offices, Woden Plaza (PO Box 291), Woden, Australian Capital Territory 2606 (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)⁷ E04C 5/06

(11) WO 2004/088059 (13) A1

(21) PCT/AT2004/000101

(22) 19 Mar/mar 2004 (19.03.2004)

(25) de (26) de

(30) A 515/2003 **2 Apr/avr 2003** AT
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LATTICE CONSTRUCTION
• STRUCTURE A TREILLIS

(71, 72) KRISMER, Josef [AT/AT]; Bundesstrasse 23, A-6063 Innsbruck-Rum (AT).

(74) HOFINGER, Engelbert et al. / etc.; Wilhelm-Greil-Strasse 16, A-6020 Innsbruck (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)⁷ E04D

(11) WO 2004/088060 (13) A2

(21) PCT/US2004/005238

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/388,642 **17 Mar/mar 2003** US
(17.03.2003)(30) 10/691,967 **24 Oct/oct 2003** US
(24.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROOFMATES™ SHINGLES AW™
• SCIE POUR TOITURE DE TYPE ROOFMATES<SP>MD</SP> SHINGLES AW<SP>MD</SP>

(71, 72) GARETT, Robert [US/US]; 1450 Grimm Road, Suite 4, Severn, MD 21144 (US).

(74) BELL, Robert, Platt; 8033 Washington Road, Alexandria, VA 22308 (US).

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

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

(51)⁷ E04D 5/14, 13/155

(11) WO 2004/088061 (13) A1

(21) PCT/EP2004/003260

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 03007289.6 **31 Mar/mar 2003** EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR ASSEMBLING MONOLAYER OR MULTILAYER MEMBRANES

• PROCEDE ET DISPOSITIF DE MONTAGE DE MEMBRANES MONOCOUCHEES OU MULTICOUCHEES

(71) KOCH PROJEKT GMBH [DE/DE]; Otterkring 10, 83253 Rimsting (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOCH, Klaus-Michael [DE/DE]; Otterkring 10, 83253 Rimsting (DE).

(74) PATENTANWÄLTE HOFER & PARTNER; Gabriel-Max-Strasse 29, 81545 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)⁷ E04D 13/08, E03B 7/09, F15D 1/02, 1/04

(11) WO 2004/088062 (13) A1

(21) PCT/NZ2004/000064

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 525161 **4 Apr/avr 2003** NZ
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLOW GENERATOR

• GENERATEUR D'ÉCOULEMENT

(71) SIPHONIC SYSTEMS LIMITED [NZ/NZ]; 36B Sir William Ave, East Tamaki, 1706 Auckland (NZ).

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

(72, 75) HARRISON, Craig, Adam [NZ/NZ]; 36A Claude St, 2001 Hamilton (NZ). AG-NEW, Warren, Roy [NZ/NZ]; 2 Young St, RD 2, Warkworth, 1241 Auckland (NZ). WICKHAM, Winston, Duang [NZ/NZ]; 60 Memorial Drive, 2001 Hamilton (NZ).

(74) CUMMING, Hector, John et al. / etc.; 18 Byron Avenue, Takapuna, 1309 Auckland (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).

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)⁷ E04F 15/024

(11) WO 2004/088063 (13) A1

(21) PCT/EP2004/050416

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 91 018 1 Apr/avr 2003 LU
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • ELEVATED FLOOR ASSEMBLY
• ASSEMBLAGE DE SOL SURELEVE

(71) UNIFLAIR INTERNATIONAL S.A.
[LU/LU]; 70, Grand-Rue, L-1660 Luxem-
bourg (LU).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ISAAC, Eric, Peter [LU/LU]; Grappen-
hiel 4, L-5335 Moutfort (LU).

(74) SCHMITT, Armand et al. / etc.; Office
Ernest T. Freylinger S.A., B.P. 48, L-8001
Strassen (LU).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ E04G 23/02, E04B 2/86, E02D 29/02

(11) WO 2004/088064 (13) A1

(21) PCT/EP2004/050401

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) TO2003A000250 1 Apr/avr 2003 IT
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • A METHOD FOR MAKING COATING
WALLS
• PROCEDE POUR FABRIQUER DES
MURS DE REVETEMENT

(71) NUOVA CEVAL S.R.L. [IT/IT]; Via Monte
Pasubio, 26, I-11100 Aosta (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LUCHINI, Claudio [IT/IT]; Via Monte
Pasubio, 42, I-11100 Aosta (IT).

(74) JORIO, Paolo et al. / etc.; 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)⁷ E04H

(11) WO 2004/088065 (13) A2

(21) PCT/US2004/009252

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/397,944 26 Mar/mar 2003 US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • RETRACTABLE AWNING
• AUVENT RETRACTABLE

(71) POWELL AND POWELL SUPPLY
COMPANY, INC. [US/US]; 402 McKinney
Parkway, Lillington, NC 27546 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) POWELL, Billy, R. [US/US]; 402 McK-
inney Parkway, Lillington, NC 27546 (US).
POWELL, Tony, A. [US/US]; 2617 Knight-
wood Road, Fuquay-Varina, NC 27526 (US).
POWELL, Reid [US/US]; 402 McKinney
Parkway, Lillington, NC 27546 (US).

(74) COATS, Larry; Coats & Bennett, P.L.L.C.,
Post Office Box 5, Raleigh, NC 27602 (US).

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

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

(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)

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

(51)⁷ E04H 12/08, 12/18, 12/24, H01Q 1/12

(11) WO 2004/088066 (13) A1

(21) PCT/CA2004/000495

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 2,424,599 4 Apr/avr 2003 CA
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MODULAR TOWER STRUCTURE
• STRUCTURE DE TOUR MODULAIRE

(71) TOWER SOLUTIONS INC. [CA/CA];
7030 Woodbine Avenue, Suite 500,
Markham, Ontario L3R 6G2 (CA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RIOUX, Andre [CA/CA]; 1801, rue
Basset, Longueuil, Quebec J4M 1W1 (CA).

(74) C. BRIAN BARLOW & ASSOCIATES;
627 Lyons Lane, Suite 204, Oakville, Ontario
L6J 5Z7 (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)⁷ E05B

(11) WO 2004/088067 (13) A2

(21) PCT/US2004/009329

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,716 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PORTABLE ELECTRONIC DEVICE
PHYSICAL SECURITY APPARATUS
WITH ALARMED CABLE
• APPAREIL DE SECURITE PHYSIQUE
DE DISPOSITIF ELECTRONIQUE
PORTABLE PRESENTANT UN CABLE
DOTE D'UNE ALARME

(71) ACCO BRANDS, INC. [US/US]; 300 No.
Tower Parkway, Lincolnshire, IL 60069-3640
(US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MERREM, Ralph [DE/US]; 601 Car-
olina Street, San Francisco, CA 94107 (US).
CAVACUITI, John [CA/CA]; 4431 Cove
Cliff Road, North Vancouver, British Colum-
bia V7G 1H7 (CA).

(74) NG, Horace 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E05B 47/00, 65/12, H01H 61/06

(11) WO 2004/088068 (13) A1

(21) PCT/IB2004/000760

(22) 12 Mar/mar 2004 (12.03.2004)

(25) it (26) en

(30) TO2003A000262 4 Apr/avr 2003 IT
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOCK DEVICE WITH SHAPE MEM-
ORY ACTUATING MEANS
• SERRURE A MOYENS
D'ACTIONNEMENT A ME-
MOIRE DE FORME

(71) C.R.F. SOCIETA CONSORTILE PER
AZIONI [IT/IT]; Strada Torino, 50, I-10043
Orbassano (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALACQUA, Stefano [IT/IT]; Corso
Einaudi, 115/A, I-10090 Rivoli Casale Vica
(IT). BUTERA, Francesco [IT/IT]; Corso
Vittorio Emanuele II, 22, I-10100 Torino (IT).
ZANELLA, Alessandro [IT/IT]; Via Tir-
reno, 139, I-10100 Torino (IT). CAPRETTI,
Gianluca [IT/IT]; c/o C.R.F. Società Consor-
tile per Azioni, Strada Torino, 50, I-10043
Orbassano (IT).

(74) GALLAROTTI, Franco et al. / etc.; c/o
Buzzi, Notaro & Antonelli d'Oulx S.r.l., 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 VC
VN YU ZA ZM ZW.

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

(51)⁷ E05B 47/06

(11) WO 2004/088069 (13) A1

(21) PCT/SE2004/000518

(22) 2 Apr/avr 2004 (02.04.2004)

(25) sv (26) en

(30) 0300984-2 4 Apr/avr 2003 SE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRICALLY CONTROLLED FOL-
LOWER UNIT AND A LOCK DEVICE
COMPRISING SUCH A UNIT

• UNITE DE GACHETTE A COMMANDE
ELECTRIQUE ET DISPOSITIF DE
VERROUILLAGE COMPORTANT UNE
TELLE UNITE

(71) ASSA AB [SE/SE]; Box 371, ESKIL-
STUNA, SE-631 05 (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) COLLIN, Kjell [SE/SE]; Gillbergavä-
gen 36, ESKILSTUNA, SE-632 30 (SE).

(74) ESTREEN, Lars et al. / etc.; Kransell &
Wennborg AB, Box 27834, S-115 93 Stock-
holm (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)⁷ E05B 49/00, B60R 25/00, 25/10, H04Q
9/00

(11) WO 2004/088070 (13) A1

(21) PCT/JP2004/004062

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-093104 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR GIVING INFORMA-
TION TO VEHICLE, VEHICLE AND
METHOD FOR GIVING INFORMA-
TION TO VEHICLE

• VEHICULE, ET PROCEDE ET DISPO-
SITIF POUR FOURNIR DES INFORMA-
TIONS A UN VEHICULE,

(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) SHINADA, Akira [JP/JP]; c/o Sony
Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 1410001 (JP).

(74) TADA, Shigenori; TADA Patent Office,
501, Sutura Building, 45-2, Higashiikebukuro
2-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ E05B 73/00, G11B 23/02

(11) WO 2004/088071 (13) A2

(21) PCT/US2004/009333

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,033 26 Mar/mar 2003 US (26.03.2003)

(30) 60/512,916 20 Oct/oct 2003 US (20.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BENEFIT DENIAL SYSTEMS FOR SECURING AN ASSET WITHIN A CONTAINER AND METHODS OF USE

• SYSTEMES SECURISES POUR FIXER UN ARTICLE A L'INTERIEUR D'UN CONTENANT, ET METHODES D'UTILISATION ASSOCIEES

(71) AUTRONIC PLASTICS, INC. [US/US]; 29 New York Avenue, Westbury, NY 11590 (US).

(72) LAX, Michael; 1303 Ridge Road, Syosset, NY 11791 (US). LIBOHOVA, Agjah, I.; 18-70 211 Street, #2C, Bayside, NY 11360 (US). KEUNING, Timothy, J.; 116 Makamah Road, Northport, NY 11768 (US). VAN KOOT, Frederik, A.; 8 Noyes Lane, Halesite, NY 11743 (US).

(74) JACKSON, Robert, R. 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).

(51)⁷ E05C 17/44

(11) WO 2004/088072 (13) A1

(21) PCT/KR2004/000669

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10-2003-0020382 1 Apr/avr 2003 KR (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STOPPING APPARATUS FOR FIXING DOOR OPENED

• APPAREIL D'ARRET SERVANT A MAINTENIR UNE PORTE OUVERTE

(71, 72) LEE, Sang Choon [KR/KR]; Yuwon villa na-dong, #202, 69-19, Samjeon-Dong, Songpa-Gu, Seoul 138-180 (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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ E05D 1/02

(11) WO 2004/088073 (13) A1

(21) PCT/BE2004/000050

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 03447081.5 4 Apr/avr 2003 EP (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FIBROUS REINFORCED HINGE

• CHARNIERE RENFORCEE DE FIBRES

(71) GROEP STEVENS INTERNATIONAL, NAAMLOZE VENNOOTSCHAP [BE/BE]; Wolfsakker 2, B-9160 Lokeren (BE).

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

(72, 75) VERHAEGHE, Jan [BE/BE]; Stuurstraat 113B, B-9120 Haasdonk (BE).

(74) LUYIS, Marie-José et al. / etc.; Gevers & Vander Haeghen, Holidaystraat, 5, B-1831 Diegem (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 VC VN YU ZA ZM ZW.

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

(51)⁷ E05F

(11) WO 2004/088074 (13) A2

(21) PCT/US2004/009368

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/400,820 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WINDOW LIFT MECHANISM

• MECANISME LEVE-VITRE

(71, 72) FENELON, Paul, J. [US/US]; 13 Inverary, Nashville, TN 37215 (US).

(74) MASSEY, Ryan, W. 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)⁷ E05F 15/12

(11) WO 2004/088075 (13) A1

(21) PCT/FI2004/000167

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 20030495 2 Apr/avr 2003 FI (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ARRANGEMENT IN A SWING DOOR APPARATUS FOR THE DETECTION OF DOOR POSITION

• DISPOSITIF DANS UNE PORTE A CHARNIERES POUR LA DETECTION DE LA POSITION DE LA PORTE

(71) ABLOY OY [FI/FI]; Wahlforssinkatu 20, FI-80100 Joensuu (FI).

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

(72, 75) KOPONEN, Arto [FI/FI]; Vaivontie 181a, FI-83430 Käsämä (FI).

(74) AWEK INDUSTRIAL PATENTS LTD OY; P.O. Box 230, (Lautatarhankatu 6), 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).

(51)⁷ E05G 1/00, A45B 3/00, 23/00

(11) WO 2004/088076 (13) A1

(21) PCT/TR2003/000026

(22) 1 Apr/avr 2003 (01.04.2003)

(25) tr (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SETUP COMPRISING AN UMBRELLA AND A SAFE

• MONTAGE COMPRENANT UN PARASOL ET UN DISPOSITIF DE SECURITE

(71, 72) BAYDUR, Ertugrul [TR/TR]; Fener Mh. 1964 Sk., 1. Gebiz Sitesi N°5, 07000 Antalya (TR).

(74) ANKARA PATENT BUREAU LIMITED; Kavaklidere, Bestekar Sokak No. 10, 06680 Ankara (TR).

(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)⁷ E06B

(11) WO 2004/088077 (13) A2

(21) PCT/DE2004/000687

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 203 05 595.0 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROTATING DOOR WHICH MAY BE CONVERTED INTO A TABLE

• PORTE ROTATIVE POUVANT ETRE CONVERTIE EN UNE TABLE

(71, 72) COLOMBO, Giovanni [IT/DE]; Bei Dziomba, Schonensche Strasse 32, 13189 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 KZ LC 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 the following designations / pour 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)

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ E06B

(11) WO 2004/088078 (13) A2

(21) PCT/US2004/010165

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/405,104 31 Mar/mar 2003 US (31.03.2003)

(30) 10/677,653 30 Sep/sep 2003 US (30.09.2003)

(30) 10/779,536 13 Feb/fév 2004 US (13.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INSECT SCREEN WITH IMPROVED OPTICAL PROPERTIES

• TOILE MOUSTIQUAIRE PRESENTANT DES PROPRIETES OPTIQUES AMELIOREES

(71) GORE ENTERPRISE HOLDINGS, INC. [US/US]; 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

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

(72, 75) McGREGOR, Gordon, L. [US/US]; 5 Copper Beach Court, Landenberg, PA 19350 (US). BUGG, Thomas, R. [US/US]; 35 Thomas Speakman Drive, Glen Mills, PA 19342 (US). KELMARTIN, Thomas, P. [US/US]; 430 Sharpless Street, West Chester, PA 19382 (US). MINOR, Raymond, B. [US/US]; 233 Greenhaven Drive, Elkton, MD 21921 (US). SCHMIEDEL, Thomas, B. [DE/US]; 124 N. Tartan Drive, Elkton, MD 21921 (US). WELCH, David, J. [US/US]; 3 Birdhouse Lane, Landenberg, PA 19350 (US). WNECHAK, Raymond, M. [US/US]; 92 West Mill Station Drive, Newark, DE 19711 (US).

(74) BOLAND, Kevin, J. et al. / etc.; W.L. Gore & Associates, Inc., 551 Paper Mill Road, P.O. Box 9206, Newark, DE 19714-9206 (US).

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

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

(51)⁷ E06B 3/00

(11) WO 2004/088079 (13) A2

(21) PCT/US2004/009038

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/400,443 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REVERSE MOLDED PLANT-ON PANEL COMPONENT, METHOD OF MANUFACTURE, AND METHOD OF DECORATING A DOOR THEREWITH

• ENSEMBLE PANNEAU DE PORTE A METTRE EN PLACE A MOULAGE INVERSE, SON PROCEDE DE PRODUCTION, ET PROCEDE DE DECORATION DE PORTE A L'AIDE D'UN TEL ENSEMBLE PANNEAU

(71) MASONITE CORPORATION [US/US]; One North Dale Mabry Highway, Suite 950, Tampa, FL 33609 (US).

(72) LYNCH, Steven, K.; 555 Marion Avenue, St. Charles, IL 60174-1352 (US). SCHAFERNAK, Dale, E.; 243 Hampton Court, Palatine, IL 60067-5825 (US). LUETGERT, Karine; 109 S. River Lane, Geneva, IL 60134-2749 (US). LIANG, Bei-Hong; 1158 Red Clover Drive, Naperville, IL 60564-9780 (US). BRADDOCK, Lee; 13305 W. Main Street, Huntley, IL 60142-9571 (US).

(74) BERENATO, Joseph, W., III; Liniak, Berenato & White, LLC, 6550 Rock Spring Drive, Suite 240, Bethesda, MD 20817 (US).

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

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

(51)⁷ E06B 7/23, 9/88, 9/17, 9/58

(11) WO 2004/088080 (13) A1

(21) PCT/EP2003/006261

(22) 13 Jun/juin 2003 (13.06.2003)

(25) de (26) de

(30) 03006238.4 20 Mar/mar 2003 EP (20.03.2003)

(30) 203 05 922.0 11 Apr/avr 2003 DE (11.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROLLING DOOR

• PORTE ROULANTE

(71) **ADOLF SEUSTER GMBH & CO. KG** [DE/DE]; Tietmecker Weg 1, 58513 Lüdenscheid (DE).

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

(72, 75) **SCHWEITZER, Hugo** [DE/DE]; Räriner Str. 27, 58849 Herscheid (DE).

(74) **LEINWEBER & ZIMMERMANN**; Rosental 7, 80331 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 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)⁷ **E06B 7/23**

(11) **WO 2004/088081** (13) A1

(21) PCT/EP2004/002816

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) en (26) en

(30) 0300998-2 **4 Apr/avr 2003** SE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEALING STRIP

• BANDE D'ETANCHEITE

(71) **TRELLEBORG AB** [SE/SE]; P.O. Box 153, S-231 22 Trelleborg (SE).

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(72, 75) **EMILSON, Fredrik** [SE/SE]; Vasagatan 41, S-331 41 Värnamo (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)⁷ **E06B 7/23**

(11) **WO 2004/088082** (13) A1

(21) PCT/EP2004/002823

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) en (26) en

(30) 0300999-0 **4 Apr/avr 2003** SE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEALING STRIP

• BANDE D'ETANCHEITE

(71) **TRELLEBORG AB** [SE/SE]; P.O. Box 153, S-231 22 Trelleborg (SE).

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

(72, 75) **EMILSON, Fredrik** [SE/SE]; Vasagatan 41, S-331 41 Värnamo (SE).

(74) **AWAPATENT AB** et al. / etc.; 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)⁷ **E06B 7/23, B60J 10/00, F16J 15/02**

(11) **WO 2004/088083** (13) A1

(21) PCT/EP2004/002828

(22) **18 Mar/mar 2004 (18.03.2004)**

(25) en (26) en

(30) 0301001-4 **4 Apr/avr 2003** SE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEALING STRIP

• BANDE D'ETANCHEITE

(71) **TRELLEBORG AB** [SE/SE]; P.O. Box 153, S-231 22 Trelleborg (SE).

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

(72, 75) **EMILSON, Fredrik** [SE/SE]; Vasagatan 41, S-331 41 Värnamo (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).

Published / Publiée : (c)

(51)⁷ **E06B 9/266**

(11) **WO 2004/088084** (13) A1

(21) PCT/US2004/008781

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 10/402,452 **27 Mar/mar 2003** US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WINDOW SHADE WITH MEASUREMENT GUIDE

• STORE A ENROULEMENT AUTOMATIQUE A GUIDE DE MESURE

(71) **SHADES UNLIMITED, INC.** [US/US]; 361 Blodgett Street, Cotati, CA 94931 (US).

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

(71, 72) **MILITELLO, David, R.** [US/US]; 4304 Heritage Drive, Rohnert Park, CA 94928 (US).

SHEVICK, Barry, L. [US/US]; 8813 Barrister Lane, Kensington Manor, Fair Oaks, CA 95628 (US).

(74) **HEISLER, Bradley, P.**; Heisler & Associates, Suite 300, 3017 Douglas Blvd., Roseville, CA 95661 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ **E06B 9/308, 9/384, 9/386, 9/327, 9/32**

(11) **WO 2004/088085** (13) A1

(21) PCT/IB2004/050363

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) PA 2003 00485 **31 Mar/mar 2003** DK
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VENETIAN BLIND

• VENITIENNE

(71) **ART ANDERSEN A/S** [DK/DK]; Gl. Kongevej 3, DK-1610 København (DK).

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(72, 75) **KRAB, Jørn** [DK/DK]; Henrik Steffens Vej 1, DK-1810 Frederiksberg C (DK).
DAHL, Svend-Erik [DK/DK]; Kirkebakken 13, Flong, DK-2640 Hedehusene (DK).

(74) **BUDDE, SCHOU & OSTENFELD A/S**; Vester Sogade 10, DK-1601 København (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).

(51)⁷ E06B 9/40

(11) WO 2004/088086 (13) A1

(21) PCT/KR2004/000725

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 20-2003-0010131 3 Apr/avr 2003 KR
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WINDOW CURTAIN
• RIDEAU DE FENETRE

(71, 72) YOO, Jae Suk [KR/KR]; 423-9 Won-
pyung-Dong, Gumi-City, Kyungsangbuk-Do
730-921 (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 OMPG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ E21B

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(21) PCT/US2004/008943

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/458,110 26 Mar/mar 2003 US
(26.03.2003)

(30) 60/478,507 12 Jun/juin 2003 US
(12.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TUBING CONTAINMENT SYSTEM
• SYSTEME DE CONFINEMENT DE TU-
BAGE

(71) OMEGA FLEX, INC. [US/US]; 260 North
Elm Street, Westfield, MA 01085 (US).

(72) TREICHEL, Steven, A.; 926 Sage Road
West, West Chester, PA 19382 (US).

(74) FOX, David, A.; Cantor Colburn LLP, 55
Griffin Road South, Bloomfield, CT 06002
(US).

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

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

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

(51)⁷ E21B 10/32, 29/00

(11) WO 2004/088088 (13) A1

(21) PCT/CA2004/000498

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,285 4 Apr/avr 2003 US
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • UNDERREAMER
• ELARGISSEUR

(71) SASQUATCH TECHNOLOGY CORP.
[CA/CA]; 12407 Coldstream Creek Road,
Coldstream, British Columbia V1B 1G2
(CA).

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les États désignés sauf US)

(72, 75) GROVES, William, G. [CA/CA]; Box
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PROUDFOOT, Glenn, C. [CA/CA]; 12407
Coldstream Creek Road, Coldstream, British
Columbia V1B 1G2 (CA).

(74) KINSMAN, Anne, L. et al. / etc.; Borden
Ladner Gervais LLP, World Exchange Plaza,
100 Queen Street, Suite 1100, Ottawa, On-
tario 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)⁷ E21B 23/08, 47/09, 23/02, 41/00

(11) WO 2004/088089 (13) A1

(21) PCT/GB2004/001472

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307766.6 4 Apr/avr 2003 GB
(04.04.2003)

(30) 0316427.4 14 Jul/juil 2003 GB
(14.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DRIFTING TUBING
• PROCEDE D'INSPECTION DE CO-
LONNE DE PRODUCTION

(71) CHURCHILL DRILLING TOOLS LIM-
ITED [GB/GB]; 33 St Swithin Street, Ab-
erdeen AB10 6XL (GB).

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

(72, 75) CHURCHILL, Andrew, Philip
[GB/GB]; 33 St Swithin Street, Aberdeen
AB10 6XL (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).

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(51)⁷ E21B 34/06, 43/08

(11) WO 2004/088090 (13) A1

(21) PCT/US2004/009116

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,617 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SURFACE FLOW CONTROLLED
VALVE AND SCREEN
• CREPINE ET VANNE A ECOULEMENT
DE SURFACE REGULEE

(71) SHELL OIL COMPANY [US/US]; One
Shell Plaza, P.O. Box 2463, Houston, TX
77252-2463 (US). SHELL CANADA LIM-
ITED [CA/CA]; 400 - 4th Avenue, S.W.,
Calgary, Alberta T2P 2H5 (CA).

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les États désignés sauf US)

(72, 75) FAIR, Phil [US/US]; 7930 Glenheath,
Houston, TX 77061 (US). HUCKABEE,
Paul, T. [US/US]; 4817 Cedar Street,
Bellaire, TX 77401 (US). MCPIKE,
Tim [CA/NL]; Carel van Bylandtlaan 30,
NL-2596 HR The Hague (NL). SHUMI-
LAK, Edward, Eugene, II [US/US]; 14531
Riverforest, Houston, TX 77079 (US).
SMITH, David, Randolph [US/US]; 3100
Regent Street, Kilgore, TX 75563 (US).
WONG, George, Kwok, Kai [US/US]; 418
Southchester Lane, Houston, TX 77079 (US).

(74) CHRISTENSEN, Del, S.; Shell Oil Com-
pany, One Shell Plaza, P.O. Box 2463, Hous-
ton, 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).

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(51)⁷ E21B 34/14

(11) WO 2004/088091 (13) A1

(21) PCT/GB2004/001449

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0307521.5 1 Apr/avr 2003 GB
(01.04.2003)

(30) 0307724.5 3 Apr/avr 2003 GB
(03.04.2003)

(30) 0307825.0 4 Apr/avr 2003 GB
(04.04.2003)

(30) 0308080.1 8 Apr/avr 2003 GB
(08.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DOWNHOLE TOOL

• OUTIL DE FOND

(71) SPECIALISED PETROLEUM SERVICES GROUP LIMITED [GB/GB]; Arnhall Business Park, Westhill, Aberdeen AB32 6UF (GB).

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

(72, 75) TELFER, George [GB/GB]; 19 Grosvenor Place, Aberdeen AB25 2RE (GB). SCOTT, Edward, Docherty [GB/GB]; 81 Station Road, Cardenden, Fife KY5 0BW (GB). YOUNGER, Rae, Andrew [GB/GB]; 33 Donmouth Road, Bridge of Don, Aberdeen AB23 8DR (GB). ATKINS, James, Edward [GB/GB]; Ground Floor Right, 34 Hartington Road, Aberdeen AB10 6XX (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)⁷ E21F 13/02

(11) WO 2004/088092 (13) A1

(21) PCT/FI2004/000207

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 20030514 4 Apr/avr 2003 FI
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ARRANGEMENT FOR PASSAGE CONTROL OF MINE VEHICLES

• AGENCEMENT PERMETTANT DE COMMANDER LE PASSAGE DE VEHICULES DE MINE

(71) SANDVIK TAMROCK OY [FI/FI]; Pihlisulunkatu 9, FI-33330 Tampere (FI).

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

(72, 75) COOK, Brett [AU/FI]; Rakennusmestartintie 52 A 7, FI-20320 Turku (FI). KOLLANUS, Jukka [FI/FI]; Kokonkatu 2, FI-33960 Pirkkala (FI). PUPUTTI, Jarmo [FI/FI]; Listakatu 7 A 5, FI-33400 Tampere (FI).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 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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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)⁷ F01C 1/22, 17/06

(11) WO 2004/088093 (13) A1

(21) PCT/CZ2004/000016

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) PV 2003-926 1 Apr/avr 2003 CZ
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROTATING PISTON MACHINE

• MACHINE A PISTON ROTATIF

(71) TOLAROVÁ, Simona [CZ/CZ]; Ve Svahu 31, 140 00 Praha 4 (CZ). ZELEZNY, Filip [CZ/CZ]; M. Cibulkové 9, 140 00 Praha 4 (CZ).

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

(71, 72) ZELEZNY, Eduard [CZ/CZ]; M. Cibulkové 9, 140 00 Praha 4 (CZ).

(74) FISCHER, Michael; Na Hrobci 5, 128 00 Praha 2 (CZ).

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

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

(51)⁷ F01L

(11) WO 2004/088094 (13) A2

(21) PCT/EP2004/003264

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 103 14 683.0 29 Mar/mar 2003 DE
(29.03.2003)

(30) 103 23 665.1 14 May/mai 2003 DE
(14.05.2003)

(30) 103 52 677.3 3 Nov/nov 2003 DE
(03.11.2003)

(30) 10 2004 001 343.8 8 Jan/jan 2004 DE
(08.01.2004)

(30) 10 2004 003 327.7 22 Jan/jan 2004 DE
(22.01.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VARIABLE VALVE LIFT DEVICE FOR THE LIFT ADJUSTMENT OF GAS-EXCHANGE VALVES OF AN INTERNAL COMBUSTION ENGINE

• DISPOSITIF DE POUSSOIR A SOUPAPE VARIABLE UTILISE POUR AJUSTER LES SOUPAPES D'ECHANGE DE GAZ DANS UN MOTEUR A COMBUSTION INTERNE

(71) HYDRAULIK-RING GMBH [DE/DE]; Am Schlossfeld 5, 97828 Marktheidenfeld (DE). ENTEC CONSULTING GMBH [DE/DE]; Im Beil 7, 58675 Hemer (DE).

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(71, 72) BÖSL-FLIERL, Gerlinde [DE/DE]; Brunnenstrasse 62, 7661 Kaiserslautern (DE).

(72, 75) FLIERL, Rudolf [DE/DE]; Brunnenstrasse 62, 76661 Kaiserslautern (DE). HANNIBAL, Wilhelm [DE/DE]; Im Beil 7, 58675 Hemer (DE). JUBELT, Michael [DE/DE]; Otto-Schuster-Strasse 49, 73760 Ostfildern (DE). KNECHT, Andreas [DE/DE]; Lustnauer Strasse 43, 72127 Kusterdingen (DE). WILD, Andreas [DE/DE]; Bettweg 17, 72669 Unterensingen (DE).

(74) RICKER, Mathias et al. / etc.; Jones Day, Prinzregentenstrasse 11, 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)⁷ F01L 1/02, F02B 67/06

(11) WO 2004/088095 (13) A1

(21) PCT/EP2004/002446

(22) 10 Mar/mar 2004 (10.03.2004)

(25) de (26) de

(30) 103 14 969.4 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • DRIVE DEVICE FOR AN INTERNAL COMBUSTION ENGINE

• SYSTEME DE TRANSMISSION POUR MOTEUR A COMBUSTION INTERNE

- (71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).

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

- (72, 75) HOFHEINZ, Werner [DE/DE]; Ferdinand-Zix-Weg 5, 73770 Denkendorf (DE). JUTZ, Bernhard [DE/DE]; Fliederweg 19, 71576 Burgstetten (DE). LEWEUX, Johannes [DE/DE]; Kornhalde 17, 73733 Esslingen (DE). PAPENHAGEN, Timm [DE/DE]; Leutenbacher Strasse 49, 71397 Leutenbach (DE).

- (74) SCHRAUF, Matthias 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)⁷ F01L 1/18, F02D 13/02

(11) WO 2004/088096 (13) A1

(21) PCT/SE2004/000388

(22) 17 Mar/mar 2004 (17.03.2004)

(25) sv (26) en

(30) 0300948-7 1 Apr/avr 2003 SE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • APPARATUS FOR AN INTERNAL COMBUSTION ENGINE

• APPAREIL DESTINE A UN MOTEUR A COMBUSTION INTERNE

- (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) REMMELGAS, Johan [SE/SE]; Myrtiljevägen 1, S-423 54 Torslanda (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).

(51)⁷ F01L 1/32

(11) WO 2004/088097 (13) A1

(21) PCT/EP2004/003122

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 15 493.0 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • VALVE ROTATING DEVICE

• DISPOSITIF DE ROTATION DE SOUPAPES

- (71, 72) ENGESSER, Friedrich [DE/DE]; Ostpreussenweg 29, 78176 Blumberg (DE).

- (74) WUNDERLICH, Rainer et al. / etc.; Weber & Heim, Irmgardstrasse 3, 81479 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)⁶ F01L 9/04, 1/12, 1/16, 1/24

(11) WO 2004/088098 (13) A1

(21) PCT/JP1998/002110

(22) 13 May/mai 1998 (13.05.1998)

(25) ja (26) ja

(30) 9/121826 13 May/mai 1997 JP (13.05.1997)

(30) 10/12197 26 Jan/jan 1998 JP (26.01.1998)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SOLENOID VALVE DRIVER FOR INTAKE AND EXHAUST VALVES

• COMMANDE DE VANNE ELECTRO-MAGNETIQUE POUR SOUPAPES D'ADMISSION ET D'ECHAPPEMENT

- (71, 72) HARA, Seinosuke [JP/JP]; c/o UNISIA JECS CORPORATION, 1370, Onna, Atsugishi, Kanagawa 243-8510 (JP).

- (74) SHIGA, Fujiya; Ekisaikai Building, 1-29, Akashi-cho, Chuo-ku, Tokyo 104-0044 (JP).

(81) US.

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(51)⁷ F01L 13/00, 1/24, 1/14, 1/18

(11) WO 2004/088099 (13) A1

(21) PCT/EP2004/003265

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 103 14 683.0 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • VARIABLE VALVE LIFT CONTROL SYSTEM FOR A COMBUSTION ENGINE WITH UNDERNEATH CAMSHAFT

• SYSTEME DE COMMANDE DE LEVEE DE SOUPAPE VARIABLE CONÇU POUR UN MOTEUR A COMBUSTION POURVU D'UN ARBRE A CAMES INTERIEUR

- (71) BÖSL-FLIERL, Gerlinde [DE/DE]; Brunnenstrasse 62, 67661 Kaiserslautern (DE).

- (72, 75) FLIERL, Rudolf [DE/DE]; Brunnenstrasse 62, 67661 Kaiserslautern (DE).

- (74) RICKER, Mathias et al. / etc.; Jones Day, Prinzregentenstrasse 11, 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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(21) PCT/SE2004/000514

(22) 2 Apr/avr 2004 (02.04.2004)

(25) sv (26) en

(30) 0300954-5 2 Apr/avr 2003 SE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • MOTOR VEHICLE WITH EXHAUST PURIFICATION

- VEHICULE AUTOMOBILE EQUIPE D'UN EPURATEUR DE GAZ

(71) VOLVO LASTVAGNAR AB [SE/SE]; S-405 08 GÖTEBORG (SE).

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(72, 75) BERGLUND, Sixten [SE/SE]; Björkstigen 7, S-423 53 TORSLANDA (SE). ERIKSSON, Anders [SE/SE]; Lövsökgatan 14, S-413 20 GÖTEBORG (SE). STEÉN, Marcus [SE/SE]; Fotbollsvägen 31, S-424 33 ANGERED (SE). UDD, Sören [SE/SE]; Piluddsvägen 3, S-440 45 NÖDINGE (SE).

(74) ALBIHNS STOCKHOLM AB; 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)⁷ F01N 3/027

(11) WO 2004/088101 (13) A1

(21) PCT/KR2004/000721

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ko (26) en

(30) 10-2003-0020570 1 Apr/avr 2003 KR (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STRIP AND EQUIPMENT FOR THE METALLIC SUBSTRATE AND ELECTRIC HEATER

- BANDE ET MATERIEL POUR SUBSTRAT METALLIQUE ET APPAREIL DE CHAUFFAGE ELECTRIQUE

(71) IL JIN ELECTRIC CO., LTD [KR/KR]; 112-83, Anyeong-ri, Tacan-eup Hwasong-si, Gyeonggi-do 445-976 (KR).

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(72, 75) HWANG, Jaewon [KR/KR]; 106-1103, Doosan Apt., Byeongjeom-ri, Tacan-eup, Hwasong-si, Gyeonggi-do 445-974 (KR). KIM, Seok [KR/KR]; 504-203, Hansolmaeul, 112 Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-834 (KR). CHOE, Seungjoo [US/KR]; 103-1902, Ssangyong Apt., 253 Mapo-dong, Mapo-gu, Seoul 121-150 (KR). YANG, Doyon [KR/KR]; 222-304, Jangan Apt., Jeongja-dong, Jangan-gu, Suwon-si, Gyeonggi-do 440-300 (KR).

(74) HWANG, E-Nam; 507, 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 KR

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

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

(51)⁷ F01P 1/02

(11) WO 2004/088102 (13) A1

(21) PCT/RU2003/000555

(22) 11 Dec/déc 2003 (11.12.2003)

(25) ru (26) ru

(30) 2003108799 1 Apr/avr 2003 RU (01.04.2003)

(30) 2003110592 14 Apr/avr 2003 RU (14.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTERNAL COMBUSTION ENGINE
• MOTEUR A COMBUSTION INTERNE

(71, 72) PRASOLOV, Nikolay Sergeevitch [RU/RU]; ul. Kommuny, 147-411, Chelyabinsk, 454080 (RU). PRASOLOV, Valeriy Sergeevitch [RU/RU]; ul. Kommuny, 147-411, Chelyabinsk, 454080 (RU).

(74) PRASOLOV, Nikolay Sergeevitch; ul. Kommuny, 147-411, Chelyabinsk, 454080 (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 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)⁷ F01P 5/10, F04D 13/02, 29/40

(11) WO 2004/088103 (13) A1

(21) PCT/CN2004/000184

(22) 8 Mar/mar 2004 (08.03.2004)

(25) en (26) en

(30) 03233466.4 7 Mar/mar 2003 CN (07.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WATER PUMP FOR MOTORCYCLE ENGINE
• POMPE A EAU POUR MOTEUR DE MOTOCYCLETTE

(71) CHONGQING LIFAN INDUSTRY (GROUP) CO., LTD . [CN/CN]; 60 Zhangjiawan Shangqiao Shapingba District, Chongqing 400037 (CN).

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(72, 75) YIN, MingShan [CN/CN]; 60 Zhangjiawan Shangqiao Shapingba District, Chongqing 400037 (CN). YANG, Shirong [CN/CN]; 60 Zhangjiawan Shangqiao Shapingba District, Chongqing 400037 (CN).

(74) KANGXIN & PARTNERS; Suite 2516, Xinlong Building, A33 Erlonglu, Xicheng District, Beijing 100032 (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)⁷ F01P 7/04

(11) WO 2004/088104 (13) A1

(21) PCT/EP2004/003273

(22) 27 Mar/mar 2004 (27.03.2004)

(25) de (26) de

(30) 103 15 402.7 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROPULSION SYSTEM AND METHOD FOR OPTIMISING POWER SUPPLY TO THE COOLING SYSTEM THEREOF

- SYSTEME D'ENTRAINEMENT ET PROCEDE D'OPTIMISATION DE LA FOURNITURE D'ENERGIE AU SYSTEME DE REFROIDISSEMENT D'UN SYSTEME D'ENTRAINEMENT

(71) VOITH TURBO GMBH & CO. KG [DE/DE]; Alexanderstrasse 2, 89522 Heidenheim (DE).

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(72, 75) LAUKEMANN, Dieter [DE/DE]; Ortsstr. 14, 74541 Vellberg (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).

(51)⁷ F02B

(11) WO 2004/088105 (13) A2

(21) PCT/US2004/008884

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/400,828 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TURBO SYSTEM AND METHOD OF
INSTALLING• SYSTEME DE TURBOCOMPRESSEUR
ET PROCEDE DE MONTAGE(71, 72) SQUIRES, Richard, K. [US/US]; 1291
East 200 South, Lindon, UT 84042 (US).(74) COMPAGNI, Frank, W. et al. / etc.; Mor-
riss O'Bryant Compagni, P.C., Suite 700, 136
South Main Street, 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)⁷ F02B

(11) WO 2004/088106 (13) A2

(21) PCT/US2004/009573

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,093 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PISTON ENGINE WITH COUNTERRO-
TATING CRANKSHAFTS• MOTEUR A PISTONS A VILEBRE-
QUINS CONTRE-ROTATIFS(71) MOTOCZYSZ, LLC [US/US]; P.O. Box
82007, Portland, OR 97282 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CZYSZ, Michael [US/US]; P.O. Box
82007, Portland, OR 97282 (US).(74) HASLETT, Donald, B. et al. / etc.; Cher-
noff, Vilhauer, McClung & Stenzel, LLP,
1600 ODS Tower, 601 S.W. Second Avenue,
Portland, OR 97204-3157 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZMD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ F02B 29/04, F01P 3/18

(11) WO 2004/088107 (13) A1

(21) PCT/EP2004/002966

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 15 095.1 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FIXING DEVICE FOR A HEAT EX-
CHANGER AND THE FIXATION
THEREOF• DISPOSITIF DE FIXATION DESTINE
A UN ECHANGEUR THERMIQUE ET
FIXATION D'ECHANGEUR THER-
MIQUE(71) BEHR GMBH & CO. KG [DE/DE];
Mauserstrasse 3, 70469 Stuttgart (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SCHMIDGALL, Stefan [DE/DE];
Kapellenweg 30, 70378 Stuttgart (DE).(74) BEHR GMBH & CO. KG; Intellectual
Property, G-IP, Mauserstrasse 3, 70469
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).

Declaration / Déclaration :

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(51)⁷ F02B 37/18, 37/013, F16K 27/02

(11) WO 2004/088108 (13) A1

(21) PCT/GB2004/001146

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 0307660.1 2 Apr/avr 2003 GB
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOMOTIVE TURBOCHARGER
SYSTEMS• SYSTEMES DE TURBOCOMPRES-
SEUR D'AUTOMOBILE(71) RICARDO UK LIMITED [GB/GB];
Bridge Works, Shoreham-by-Sea, West Sus-
sex BN43 5FG (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BEASLEY, Matthew, Gerard
[GB/GB]; The Gattens., Upper Station Road,
Henfield., West Sussex BN5 9PL (GB).(74) JENNINGS, Nigel, Robin 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).(51)⁷ F02B 47/02, F02M 43/04, 25/03, F02D
41/40

(11) WO 2004/088109 (13) A1

(21) PCT/EP2004/003339

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 15 149.4 3 Apr/avr 2003 DE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SELF-IGNITING INTERNAL COM-
BUSTION ENGINE• MOTEUR A COMBUSTION INTERNE
A AUTO-ALLUMAGE(71) DAIMLERCHRYSLER AG [DE/DE]; Ep-
plestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RAAB, Alois [DE/DE]; Erdbeerweg 5,
73560 Böbingen (DE). SCHNABEL, Martin
[DE/DE]; Bischof-Fischer-Strasse 50, 73430
Aalen (DE).(74) KREISER, André et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, 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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(21) PCT/CN2004/000266

(22) 29 Mar/mar 2004 (29.03.2004)

(25) zh (26) zh

(30) 03108772.8 29 Mar/mar 2003 CN
(29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROTARY ENGINE WITH ALTER-NATED SHIFTING ROTORS

• MOTEUR ROTATIF AVEC ROTORS A DEPLACEMENT ALTERNE

(71, 72) MENG, Liangji [CN/CN]; Room 302, East Gate, Building 8, Ren-an Residence Quarter, Jin-chang district, Suzhou, Jiangsu 215008 (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).

(51)⁷ F02D 41/08

(11) WO 2004/088111 (13) A1

(21) PCT/JP2004/004429

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-92447 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IDLING SPEED CONTROLLER OF INTERNAL COMBUSTION ENGINE, INTERNAL COMBUSTION ENGINE CONTROLLER AND INTERNAL COMBUSTION ENGINE

• REGULATEUR DU REGIME DE RA-LENTI D'UN MOTEUR A COMBUS-TION INTERNE, REGULATEUR DE MOTEUR A COMBUSTION ET MO-TEUR A COMBUSTION INTERNE

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

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(72, 75) MINE, Yasutaka [JP/JP]; c/o Yamaha Hatsudoki Kabushiki, Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(74) NAITO, Teruo et al. / etc.; 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ F02D 41/22, 41/10

(11) WO 2004/088112 (13) A1

(21) PCT/EP2004/050288

(22) 11 Mar/mar 2004 (11.03.2004)

(25) de (26) de

(30) 10315410.8 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR OPERATING AN IN-TERNAL COMBUSTION ENGINE COMPRISING TORQUE MONITOR-ING

• PROCEDE PERMETTANT DE FAIRE FONCTIONNER UN MOTEUR A COMBUSTION INTERNE PAR SUR-VEILLANCE DU COUPLE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-fach 30 02 20, 70442 Stuttgart (DE).

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(72, 75) VON SCHWERTFUEHRER, Gerit [DE/DE]; Oscar-Paret-Strasse 30, 71642 Ludwigsburg (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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(51)⁷ F02F 3/10, F02B 77/02, F16J 1/02

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(21) PCT/EP2004/050340

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03291770.0 17 Jul/juil 2003 EP (17.07.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PISTON WITH A SKIRT HAVING A LOW COEFFICIENT OF FRICTION

• PISTON A JUPE AYANT UN COEFFI-CIENT DE FROTTEMENT REDUIT

(71) SOREVI S.A. [FR/FR]; 5, Allée Skylab, Parc d'Estér, F-87068 Limoges (FR).

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(72, 75) SAVALÉ, Jérémy [FR/FR]; 1, rue Palvezy, F-87000 Limoges (FR). HERVÉ, Marc [FR/FR]; 55, rue Marcel Paul, F-87000 Limoges (FR). VÉRINAUD, François [FR/FR]; Bled, F-87270 Bonnac La Cote (FR).

(74) MESSELY, Marc; Bekaertstraat 2, B-8550 Zwevegem (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 VC VN YU ZA ZM ZW.

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

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(51)⁷ F02G 1/043, F01B 3/00

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(22) 25 Mar/mar 2004 (25.03.2004)

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(30) PV 2003-927 1 Apr/avr 2003 CZ (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR CON-VERTING HEAT ENERGY INTO ME-CHANICAL ENERGY

• PROCEDE ET DISPOSITIF POUR TRANSFORMER DE L'ENERGIE THERMIQUE EN ENERGIE MECA-NIQUE

(71, 72) ZELEDNY, Eduard [CZ/CZ]; M. Cibulkové 9, 140 00 Praha 4 (CZ). TO-LAROVA, Simona [CZ/CZ]; Ve Svahu 31, 140 00 Praha 4 (CZ). ZELEDNY, Filip [CZ/CZ]; M. Cibulkové 9, 140 00 Praha 4 (CZ).

(74) FISCHER, Michael; Na Hrobcí 5, 128 00 Praha 2 (CZ).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/FR2004/000735

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03 03728 26 Mar/mar 2003 FR (26.03.2003)

- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • RECIPROCATING ENGINE WITH BURNT GAS RECIRCULATION, WHICH IS DESIGNED TO DRIVE A MOTOR VEHICLE, AND METHOD OF TURBOCHARGING SAID ENGINE
- MOTEUR ALTERNATIF A RECIRCULATION DE GAZ BRULES DESTINE A LA PROPULSION DES VEHICULES AUTOMOBILES ET PROCEDE DE TURBOCOMPRESSION DE CE MOTEUR
- (71, 72) MELCHIOR, Jean, Frédéric [FR/FR]; 16, rue de l'Abbaye, F-75006 Paris (FR).
- (74) BERNASCONI Jean et al. / etc.; Cabinet Lavoix, 2, place d'Estienne-d'Orves, F-75441 Paris Cédex 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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02M 35/16, 35/10
- (11) WO 2004/088116 (13) A1
- (21) PCT/JP2004/003952
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) ja (26) ja
- (30) 2003-093325 31 Mar/mar 2003 JP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • AIR CLEANER
- EPURATEUR D'AIR
- (71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP).
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- (72, 75) SHIMOMURA, Kazuhiko [JP/JP]; c/o Yamaha Hatsudoki Kabishiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 4388501 (JP).
- (74) ARAI, Jun; 11-37, Takata-nishi 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 2230066 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ F02M 37/22
- (11) WO 2004/088117 (13) A1
- (21) PCT/EP2004/002267
- (22) 5 Mar/mar 2004 (05.03.2004)
- (25) de (26) de
- (30) 103 15 506.6 4 Apr/avr 2003 DE (04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • FUEL FILTER FOR A MOTOR VEHICLE
- FILTRE A CARBURANT POUR VEHICULE A MOTEUR
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EPPING, Florian [DE/DE]; Odenwaldstr. 13, 65719 Hofheim (DE). WEHNER, Holger [DE/DE]; Kirchstr. 25, 65812 Bad Soden (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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02M 51/06
- (11) WO 2004/088118 (13) A1
- (21) PCT/JP2004/004248
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-096012 31 Mar/mar 2003 JP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ELECTROMAGNETIC FUEL INJECTION VALVE
- SOUPAPE D'INJECTION DE CARBURANT ELECTROMAGNETIQUE
- (71) KEIHIN CORPORATION [JP/JP]; 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo, 1630539 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAGAOKA, Takahiro [JP/JP]; c/o Kakuda Development Center of Keihin Corporation, 197-1, Aza Nagare, Kakuda, Kakuda-shi, Miyagi, 9811505 (JP).
- (74) OCHIAI, Takeshi et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo, 1100016 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ F02M 55/00
- (11) WO 2004/088119 (13) A1
- (21) PCT/EP2004/002676
- (22) 15 Mar/mar 2004 (15.03.2004)
- (25) de (26) de
- (30) 103 14 845.0 1 Apr/avr 2003 DE (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • INJECTION VALVE FOR AN INTERNAL COMBUSTION ENGINE
- SOUPAPE D'INJECTION POUR MOTEUR A COMBUSTION INTERNE
- (71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRAUN, Marion [DE/DE]; Dr.-Leo-Ritter-Str. 15, 93049 Regensburg (DE). MOHR, Markus [DE/DE]; Gartenstr. 2 A, 91154 Roth (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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ F02M 59/00
- (11) WO 2004/088120 (13) A2
- (21) PCT/AT2004/000116
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) de (26) de
- (30) GM 226/2003 1 Apr/avr 2003 AT (01.04.2003)
- (30) GM 694/2003 9 Oct/oct 2003 AT (09.10.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • INTERNAL COMBUSTION ENGINE

• MOTEUR A COMBUSTION INTERNE

(71) AVL LIST GMBH [AT/AT]; Hans-List-Platz 1, 8020 GRAZ (AT).
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(72, 75) RIECKH, Martin [AT/AT]; Radegunderstrasse 9, 8045 GRAZ (AT). WEISS-BÄCK, Michael [AT/AT]; Untere Teichstrasse 28A, 8010 GRAZ (AT). CSATO, Janos [HU/AT]; Goethestrasse 16/7, 8010 GRAZ (AT). GLENSVIG, Michael [DK/AT]; Brandhofgasse 20/7, 8010 GRAZ (AT). SAMS, Theodor [AT/AT]; Obere Teichstrasse 125, 8010 GRAZ (AT). HERZOG, Peter [AT/AT]; Weizbachweg 18a, 8045 GRAZ (AT).

(74) BABELUK, Michael; Mariahilfer Gürtel 39/17, 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).

(51)⁷ F02M 59/10, 57/02, 47/02, 59/46

(11) WO 2004/088121 (13) A1

(21) PCT/DE2004/000412

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) 103 15 016.1 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FUEL INJECTOR PROVIDED WITH A SERVO LEAKAGE FREE VALVE

• INJECTEUR DE CARBURANT COM-
PORTANT UNE SOUPAPE ASSERVIE
LIBRE DE FUITES

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) MAGEL, Hans-Christoph [DE/DE]; Bachstrasse 10, 72793 Pfullingen (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)⁷ F02M 59/10, 57/02, 47/02, 59/46

(11) WO 2004/088122 (13) A1

(21) PCT/DE2004/000413

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) 103 15 014.5 2 Apr/avr 2003 DE (02.04.2003)

(30) 103 25 620.2 5 Jun/juin 2003 DE (05.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FUEL INJECTOR PROVIDED WITH PROVIDED WITH A PRESSURE TRANSMITTER CONTROLLED BY A SERVO VALVE

• INJECTEUR DE CARBURANT COM-
PORTANT UN TRANSMETTEUR DE
PRESSION COMMANDE PAR UNE
SOUPAPE ASSERVIE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) EISENMENGER, Matthias [DE/DE]; Sudetenring 24, 71642 Ludwigsburg (DE).
MAGEL, Hans-Christoph [DE/DE]; Bachstrasse 10, 72793 Pfullingen (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)⁷ F02M 59/46, 51/06, 61/16, H01L 41/053, F16K 31/00

(11) WO 2004/088123 (13) A1

(21) PCT/EP2004/002674

(22) 15 Mar/mar 2004 (15.03.2004)

(25) de (26) de

(30) 103 15 067.6 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PIEZOELECTRIC ACTUATOR COMPRISING A TWO-PART SLEEVE-TYPE HOUSING AND METHOD FOR PRODUCING A HOUSING FOR A PIEZOELECTRIC ACTUATOR

• ACTIONNEUR PIEZO-ELECTRIQUE
COMPRENANT UN LOGEMENT SOUS
FORME DE GAINÉ EN DEUX PARTIES
ET PROCEDE DE PRODUCTION D'UN
LOGEMENT POUR UN ACTIONNEUR
PIEZO-ELECTRIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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(72, 75) KUSCHEL, Alexander [DE/DE]; Moritz-Braun-Str. 6, 09599 Freiberg (DE).
LEWENTZ, Günter [DE/DE]; Lärchenweg 5, 93055 Regensburg (DE). UNRUH, Marcus [DE/DE]; Kellerweg 11, 93197 Zeitlarn (DE). VOIGT, Andreas [DE/DE]; Liebigstr. 27, 93055 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)⁷ F02M 61/18, 61/16

(11) WO 2004/088124 (13) A1

(21) PCT/DE2004/000178

(22) 4 Feb/fév 2004 (04.02.2004)

(25) de (26) de

(30) 103 14 670.9 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING AND FIXING A PERFORATED DISK

• PROCEDE POUR PRODUIRE ET
FIXER UN DISQUE PERFORE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) GESK, Markus [DE/DE]; Beethovenstr. 3, 76307 Karlsbad (DE). MAIER, Martin [DE/DE]; Meisenweg 12, 71696 Moeglingen (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 03 30, 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)⁷ F02M 65/00, 47/02

(11) WO 2004/088125 (13) A1

(21) PCT/DE2003/003236

(22) 29 Sep/sep 2003 (29.09.2003)

(25) de (26) de

(30) 103 14 454.4 30 Mar/mar 2003 (30.03.2003) DE	(22) 29 Mar/mar 2004 (29.03.2004)	(71, 72) GYE, Byung-Sik [KR/KR]; 2-107, Royal Apt., #882-1, Juan 6-dong, Nam-gu, Incheon 402-206 (KR).
(43) 14 Oct/oct 2004 (14.10.2004)	(25) ja (26) ja	
(54) • VACUUM RINSING OF AN INJECTOR FOR INTERNAL COMBUSTION ENGINES • RINÇAGE A VIDE D'UN INJECTEUR DESTINE A DES MOTEURS A COMBUSTION INTERNE	(30) 2003-89897 28 Mar/mar 2003 (28.03.2003) JP (30) 2003-89898 28 Mar/mar 2003 (28.03.2003) JP	(74) LEE, Duck-Rog; Yeil Patent & Trademark Int'l, YeilPat Bldg., 669-17 Yorksam-dong, Kangnam-ku, Seoul 135-915 (KR).
(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)	(43) 14 Oct/oct 2004 (14.10.2004)	(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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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) BALLING, Klaus [DE/DE]; Birkenweg 4, 96163 Gundelsheim (DE).	(54) • WATER SUPPLY APPARATUS • APPAREIL D'ALIMENTATION EN EAU	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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) JP KR US.	(71) TOTO LTD. [JP/JP]; 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). (for all designated States except / pour tous les États désignés sauf US)	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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) FUJIMOTO, Hidefumi [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). ONODERA, Naoyuki [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). NAKAYAMA, Kimihiro [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). HATAKEYAMA, Makoto [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). ENOMOTO, Kazuyuki [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). KUDO, Yukihiko [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). KUGA, Tatsuhiko [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). ISHIMARU, Satoshi [JP/JP]; c/o Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP).		
(51) ⁷ F02N 15/06		
(11) WO 2004/088126 (13) A2		(51) ⁷ F03B 13/20
(21) PCT/FR2004/000764		(11) WO 2004/088129 (13) A1
(22) 26 Mar/mar 2004 (26.03.2004)		(21) PCT/GB2004/001443
(25) fr (26) fr		(22) 2 Apr/avr 2004 (02.04.2004)
(30) 03/03876 28 Mar/mar 2003 (28.03.2003) FR		(25) en (26) en
(43) 14 Oct/oct 2004 (14.10.2004)		(30) 0307827.6 4 Apr/avr 2003 (04.04.2003) GB
(54) • ELECTROMAGNETIC CONTACTOR FOR CONTROLLING AN ELECTRIC STARTER • CONTACTEUR ELECTROMAGNETIQUE DE COMMANDE D'UN DEMARREUR ELECTRIQUE		(43) 14 Oct/oct 2004 (14.10.2004)
(71) VALEO EQUIPEMENTS ELECTRIQUES MOTEUR [FR/FR]; 2, rue André-Boulle, F-94017 Créteil Cedex (FR). (for all designated States except / pour tous les États désignés sauf US)	(74) MATSUO, Kenichiro et al. / etc.; Imaizumi Koporasu 1F, 4-26, Imaizumi 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0021 (JP).	(54) • WAVE POWER APPARATUS • APPAREIL UTILISANT L'ENERGIE DES VAGUES
(72, 75) TALON, Frédéric [FR/FR]; 8, rue Teste du Bailler, F-38200 Vienne (FR). MAGNIER, Pierre [FR/FR]; 3, rue Gaspard André, F-69002 Lyon (FR). GRUET, Christophe [FR/FR]; 6, rue Bonnard, F-69003 Lyon (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.	(71) OCEAN POWER DELIVERY LIMITED [GB/GB]; 104 Commercial Street, Edinburgh EH6 6NF (GB). (for all designated States except / pour tous les États désignés sauf US)
(74) GAMONAL, Didier; Valéo Equipements Electriques Moteur, 2, rue André-Boulle, F-94017 Créteil Cedex (FR).	(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL 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) YEMM, Richard [GB/GB]; 7 Thistle Place, Edinburgh EH11 1JH (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).	(74) MURGITROYD & COMPANY; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).
(74) GAMONAL, Didier; Valéo Equipements Electriques Moteur, 2, rue André-Boulle, F-94017 Créteil 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	

(30) PA 2003 00491 **31 Mar/mar 2003** DK
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONTROL OF POWER, LOADS AND/OR STABILITY OF A HORIZONTAL AXIS WIND TURBINE BY USE OF VARIABLE BLADE GEOMETRY CONTROL

• REGULATION DE PUISSANCE, DE CHARGES ET/OU DE STABILITE D'UNE EOLIENNE A AXE HORIZONTAL AU MOYEN D'UNE COMMANDE DE GEOMETRIE D'AUBES VARIABLE

(71) FORSKNINGSCENTER RISØ [DK/DK]; Postboks 49, DK-4000 Roskilde (DK).

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

(72, 75) BAK, Dan, Christian [DK/DK]; Pillevad 11, DK-2800 Lyngby (DK). BUHL, Thomas [DK/DK]; Hedebovej 2, DK-2670 Greve (DK). FUGLSANG, Peter [DK/DK]; Græssengen 23, DK-4000 Roskilde (DK). MADSEN, Helge, Aagaard [DK/DK]; Munkholmvej 45., DK-4060 Kr. Såby (DK). RASMUSSEN, Flemming [DK/DK]; Torslundvej 38, DK-4960 Holeby (DK).

(74) PLOUGMANN & VINGTOFT A/S; Sundkrogsgade 9, Post Office Box 831, DK-2100 Copenhagen_Ø (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)⁷ F03D 7/02

(11) WO 2004/088131 (13) A1

(21) PCT/CA2003/000467

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SELF-REGULATING WIND TURBINE
• EOLIENNE A AUTOREGULATION

(71, 72) GAGNON, François [CA/CA]; 125, Avenue de Gaspé Est, St-Jean-Port-Joli, Québec G0R 3G0 (CA). GAGNON, Jean [CA/CA]; 65 Avenue de Gaspé Est, St-Jean-Port-Joli, Québec G0R 3G0 (CA).

(74) ROBIC; Leger Robic Richard, CDP Capital Center, 1001, Victoria Square, Bloc E - 8th Floor, Montreal, Quebec H2Z 2B7 (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 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)⁷ F03D 7/04, F16H 47/08

(11) WO 2004/088132 (13) A1

(21) PCT/EP2004/003143

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 14 757.8 **31 Mar/mar 2003** DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DRIVE TRAIN FOR THE TRANSMISSION OF A VARIABLE POWER

• CHAÎNE CINÉMATIQUE POUR TRANSMETTRE UNE PUISSANCE VARIABLE

(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]; Hammerstrasse 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).

(51)⁷ F03D 11/04, B66C 23/32

(11) WO 2004/088133 (13) A1

(21) PCT/ES2004/000146

(22) 31 Mar/mar 2004 (31.03.2004)

(25) es (26) es

(30) P 2003 00757 **1 Apr/avr 2003** ES
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AEROGENERATOR ASSEMBLY EQUIPMENT
• EQUIPEMENT DE MONTAGE D'AEROGENERATEURS

(71, 72) MUNARRIZ ALDAZ, Alberto [ES/ES]; Monasterio Tulebras, 1-5^o, E-31001 Pamplona (ES).

(74) BUCETA FACORRO, Luis; C/Bravo Murillo, 219 1^oB, E-28020 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)⁷ F03G

(11) WO 2004/088134 (13) A2

(21) PCT/US2004/009436

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,987 **28 Mar/mar 2003** US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MECHANICAL LIFT MEASUREMENT SYSTEM

• SYSTEME DE MESURE DE LEVAGE MECANIQUE

(71) ACTUANT CORPORATION [US/US]; 6100 N. Baker Rd., Glendale, WI 53209-3703 (US).

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(72, 75) STANFORD, Frantz, D. [US/US]; 419 Jean Street, Madison, WI 53703 (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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04B

(11) WO 2004/088135 (13) A2

(21) PCT/US2004/009395

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/460,143 **3 Apr/avr 2003** US
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BACK PUMPING SEAL ASSEMBLY

• ENSEMBLE JOINT DE POMPAGE ARRIERE

(71) TRELLEBORG SEALING SOLUTIONS U.S., INC. [US/US]; 2531 Bremer Drive, Fort Wayne, IN 46803 (US).

(72) BAEHL, Jeff; 9506 Wolf River Place, Fort Wayne, IN 46804 (US). CASTLEMAN, Larry; 615 South Roussey Road, New Haven, IN 46774 (US).

(74) KNUTH, Randall; 3510-A Stelhorn Road, Fort Wayne, IN 46815 (US).

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

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

(51)⁷ F04B

(11) WO 2004/088136 (13) A2

(21) PCT/US2004/009469

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/404,963 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISPOSABLE FLUID DELIVERY SYSTEM
• SYSTEME D'ADMINISTRATION DE FLUIDE JETABLE

(71) ASSISTIVE TECHNOLOGY PRODUCTS, INC. [US/US]; 3721 Techport Drive, Suite 150, Harrisburg, PA 17111 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PAUKOVITS, Edward, J., Jr. [US/US]; 720 Pine Tree Road, Hummelstown, PA 170361 (US). HOFFNER, Janet, J. [US/US]; 144 Dusty Trail Drive, Halifax, PA 17032 (US). SPONG, Richard, V. [US/US]; 43 Wetherburn Road, Enola, PA 17025 (US).

(74) APICELLI, Samuel, W.; Duane Morris LLP, 305 N. 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04B 1/04, 53/20, 53/16

(11) WO 2004/088137 (13) A1

(21) PCT/DE2004/000514

(22) 13 Mar/mar 2004 (13.03.2004)

(25) de (26) de

(30) 103 14 979.1 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RECIPROCATING PUMP
• POMPE A PISTON

(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) SCHLITZKUS, Michael [DE/DE]; Tannenweg 2, 87463 Dietmannsried (DE). WEH, Andreas [DE/DE]; Hohenweg 20, 87471 Durach (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)⁷ F04B 19/00

(11) WO 2004/088138 (13) A1

(21) PCT/ES2003/000156

(22) 4 Apr/avr 2003 (04.04.2003)

(25) es (26) es

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DUAL-HEAD MICRO VACUUM PUMP
• MICROPOMPE DE VIDE A DEUX TETES

(71) ELECTRO AD, SL [ES/ES]; Compositor Bach, 27, Pol.Ind. Can Jardí, 08191 RUBI (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DONADO MUÑOZ, Oscar [ES/ES]; Compositor Bach, 27, Pol.Ind. Can Jardí, 08191 RUBI (ES).

(74) MANRESA VAL, Manuel et al. / etc.; Rambla Catalunya, 32, 08007 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 ES FI GB GD GE GH GM HR HU ID 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)⁷ F04B 27/08, 39/00

(11) WO 2004/088139 (13) A1

(21) PCT/JP2003/014565

(22) 17 Nov/nov 2003 (17.11.2003)

(25) ja (26) ja

(30) 2003-091581 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RECIPROCATING COMPRESSOR
• COMPRESSEUR ALTERNATIF

(71) ZEXEL VALEO CLIMATE CONTROL CORPORATION [JP/JP]; 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WATANABE, Satoshi [JP/JP]; Zexel Valeo Climate Control Corporation, 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP). KANAIZUKA, Minoru [JP/JP]; Zexel Valeo Climate Control Corporation, 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP). HUIJITA, Yasunori [JP/JP]; Zexel Valeo Climate Control Corporation, 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP). IZAWA, Ryosuke [JP/JP]; Zexel Valeo Climate Control Corporation, 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP). KURIBARA, Toshiaki [JP/JP]; Zexel Valeo Climate Control Corporation, 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP). TOMITA, Hironori [JP/JP]; Zexel Valeo Climate Control Corporation, 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP). KOBAYASHI, Hirofumi [JP/JP]; Zexel Valeo Climate Control Corporation, 39, Aza Higashihara, Oaza Sendai, Konan-machi, Osato-gun, Saitama 360-0193 (JP).

(74) ONUKI, Kazuyasu et al. / etc.; Shineimiya-masu Building 5th floor, 8-8, Shibuya 1-chome, Shibuya-ku, Tokyo 150-0002 (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)⁷ F04B 41/06, G05D 16/20, F04C 29/10

(11) WO 2004/088140 (13) A1

(21) PCT/BE2004/000048

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 2003/0215 4 Apr/avr 2003 BE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CONTROLLING A COMPRESSED AIR INSTALLATION COMPRISING SEVERAL COMPRESSORS, CONTROL BOX APPLIED THEREBY AND COMPRESSED AIR

INSTALLATION APPLYING THIS METHOD

- PROCEDE DE COMMANDE D'UNE INSTALLATION A AIR COMPRIME COMPRENANT PLUSIEURS COMPRESSEURS, BOITE DE COMMANDE UTILISEE PAR LADITE INSTALLATION ET INSTALLATION A AIR COMPRIME UTILISANT LEDIT PROCEDE

(71) **ATLAS COPCO AIRPOWER**, NV [BE/BE]; Boomsesteenweg 957, B-2610 Wilrijk (BE).

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

(72, 75) **PETTERSSON, Johan, Georg, Urban** [SE/BE]; Victor Van Espenlaan 4, B-3080 Tervuren (BE).

(74) **DONNÉ, E.**; Bureau M.F.J. Bockstael nv., Arenbergstraat 13, B-2000 Antwerpen (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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ **F04C 21/00**

(11) **WO 2004/088141** (13) A2

(21) PCT/EP2004/050435

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) de (26) de

(30) 103 15 104.4 **2 Apr/avr 2003 (02.04.2003)** DE

(30) 103 19 671.4 **2 May/mai 2003 (02.05.2003)** DE

(43) 14 Oct/oct 2004 (14.10.2004)

- PUMP
- POMPE

(71) **GEBR. BECKER GMBH & CO. KG** [DE/DE]; Hölker Feld 29-31, 42279 Wuppertal (DE).

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

(72, 75) **MEIER, Sabine** [DE/DE]; Froweinstrasse 15, 42105 Wuppertal (DE). **ENGEL-BRECHT, Sven** [DE/DE]; Rheinstrasse 55, 42117 Wuppertal (DE). **DREWES, Uwe** [DE/DE]; Kuhstrasse 84, 42555 Velbert (DE). **BAHNEN, Rudolf** [DE/DE]; Roetgenbachstrasse 33, 52159 Roetgen (DE).

(74) **MÜLLER, Enno 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)⁷ **F04D 25/08, H02K 9/06, B60H 1/00**

(11) **WO 2004/088142** (13) A1

(21) PCT/EP2004/003436

(22) **1 Apr/avr 2004 (01.04.2004)**

(25) fr (26) fr

(30) 03/04119 **2 Apr/avr 2003 (02.04.2003)** FR

(43) 14 Oct/oct 2004 (14.10.2004)

- VENTILATING DEVICE
- DISPOSITIF DE VENTILATION

(71) **VALEO SYSTEMES D'ESSUYAGE** [FR/FR]; Z.A. de l'Agiot, Boîte postale 81, 8, rue Louis-Lormand, F-78321 La Verrière (FR).

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(72, 75) **MOREAU, Stéphane** [FR/FR]; 1, rue Tiron, F-75004 Paris (FR). **HENNER, Manuel** [FR/FR]; 10, allée des Comtes de Montfort, F-78610 Auffargis (FR). **DEMORY, Bruno** [FR/FR]; 6, avenue Sigmund Freud, 95490 Vaureal (FR).

(74) **LEVY-MOULIN, Béatrice**; Valeo Systemes d'Essuyage, Z.A. de l'Agiot, Boîte postale 81, 8, rue Louis-Lormand, F-78321 La Verrière (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)⁷ **F04D 29/42, 29/58, F01P 7/14**

(11) **WO 2004/088143** (13) A1

(21) PCT/EP2004/002455

(22) **10 Mar/mar 2004 (10.03.2004)**

(25) de (26) de

(30) 103 14 526.5 **31 Mar/mar 2003 (31.03.2003)** DE

(43) 14 Oct/oct 2004 (14.10.2004)

- COOLANT PUMP, ESPECIALLY ELECTRIC CONVECTION-COOLED COOLANT PUMP WITH INTEGRATED DIRECTIONAL CONTROL VALVE, AND CORRESPONDING METHOD

- POMPE DE FLUIDE REFRIGERANT, EN PARTICULIER, POMPE ELECTRIQUE A REFROIDISSEMENT HYDRAULIQUE, A DISTRIBUTEUR INTEGRE, ET PROCEDE CORRESPONDANT

(71) **GERÄTE- UND PUMPENBAU GMBH DR. EUGEN SCHMIDT** [DE/DE]; Schwarzbacher Strasse 28, 98673 Merbelsrod (Thür.) (DE).

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

(72, 75) **PAWELLEK, Franz** [DE/DE]; Am Fröschengraben 32, 96486 Lautertal (DE).

(74) **KUHNE & WACKER**; Patent- und Rechtsanwaltsbüro, Prinz-Ludwig-Strasse 40A, 85354 Freising (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)⁷ **F15B 11/02, E02F 9/22**

(11) **WO 2004/088144** (13) A1

(21) PCT/JP2004/004538

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) ja (26) ja

(30) 2003-93988 **31 Mar/mar 2003 (31.03.2003)** JP

(43) 14 Oct/oct 2004 (14.10.2004)

- HYDRAULIC DRIVE DEVICE FOR WORKING MOTOR VEHICLE

- DISPOSITIF D'ENTRAÎNEMENT HYDRAULIQUE POUR VEHICULE MOTORISE FONCTIONNANT

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).

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

(72, 75) **SATO, Kensuke** [JP/JP]; Tsukuba-ryo, 4-1, Inayoshiminami 2-chome, Chiyodamachi, Niihari-gun, Ibaraki 315-0055 (JP). **NAKAMURA, Tsuyoshi** [JP/JP];

- Tsukuba-ryo, 4-1, Inayoshiminami 2-chome, Chiyodamachi, Niihari-gun, Ibaraki 315-0055 (JP). ISHIKAWA, Kouji [JP/JP]; 1779-5, Shimoinayoshi, Chiyodamachi, Niihari-gun, Ibaraki 315-0052 (JP).
- (74) KASUGA, Yuzuru; 7th Fl., Kyodo Bldg.-Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103-0001 (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 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)⁷ F15B 13/04, F16K 37/00, G01D 11/24
- (11) WO 2004/088145 (13) A1
- (21) PCT/EP2004/003373
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) de (26) de
- (30) 103 15 369.1 3 Apr/avr 2003 DE (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ARRANGEMENT FOR THE DETECTION AND TRANSMISSION OF TEST DATA FROM A PRESSURE CHAMBER FILLED WITH A HIGH-PRESSURE FLUID
- DISPOSITIF PERMETTANT DE DETECTER ET DE TRANSMETTRE DES DONNEES DE MESURE PROVENANT D'UNE CHAMBRE SOUS PRESSION REMPLIE D'UN FLUIDE SOUS HAUTE PRESSION
- (71) PARKER HANNIFIN GMBH [DE/DE]; 9, Am Metallwerk, 33659 Bielefeld (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) SCHEFFEL, Gerd [DE/DE]; 53, Danziger Strasse, 41352 Korschenbroich (DE).
- (74) MÜLLER, Karl-Ernst et al. / etc.; 22, Turmstrasse, 40878 Ratingen (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 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)⁷ F15B 15/00
- (11) WO 2004/088146 (13) A1
- (21) PCT/KR2004/000779
- (22) 3 Apr/avr 2004 (03.04.2004)
- (25) ko (26) en
- (30) 10-2003-0021009 3 Apr/avr 2003 KR (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ACTUATOR
- ACTIONNEUR
- (71, 72) YOO, Keun Hyung [KR/KR]; Hyundai I Park 108-105, Shinhyung-dong 3ga, Jung-gu, Incheon 400-103 (KR).
- (74) LEE, Dae Sun; Chongkundang Bldg., 5Fl., 441, Shipchong-2dong, Bupyeong-gu, Incheon 403-132 (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 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)⁷ F15B 15/24
- (11) WO 2004/088147 (13) A1
- (21) PCT/KR2004/000780
- (22) 3 Apr/avr 2004 (03.04.2004)
- (25) ko (26) en
- (30) 10-2003-0021011 3 Apr/avr 2003 KR (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ACTUATOR HAVING THE FUNCTION OF CONTROL OF OPERATION DISPLACEMENT
- ACTIONNEUR A FONCTION DE COMMANDE DE DEPLACEMENT
- (71, 72) YOO, Keun Hyung [KR/KR]; Hyundai I Park 108-105, Shinhyung-dong 3ga, Jung-gu, Incheon 400-103 (KR).
- (74) LEE, Dae Sun; Chongkundang Bldg., 5Fl., 441, Shipchong-2dong, Bupyeong-gu, Incheon 403-132 (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 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)⁷ F15C 5/00
- (11) WO 2004/088148 (13) A1
- (21) PCT/GB2004/001290
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 0307620.5 2 Apr/avr 2003 GB (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • FLUIDIC DEVICES
- DISPOSITIFS FLUIDIQUES
- (71) STARBRIDGE SYSTEMS LIMITED [GB/GB]; Technium, Kings Road, Swansea SA1 8PH (GB). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CEFAL, Joseph [GB/GB]; Technium, Kings Road, Swansea SA1 8PH (GB). SHAPLEY, Julian [GB/GB]; Technium, Kings Road, Swansea SA1 8PH (GB). MARTINEAU, Peter [GB/GB]; 25, Falcoln Close, Westbury-on-Trym, Bristol BS9 3NH (GB).
- (74) HASLAM, Simon; Abel & Imray, 23, Windsor Place, Cardiff CF10 3BY (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 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)⁷ F16B
- (11) WO 2004/088149 (13) A2
- (21) PCT/EP2004/003597
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 103 15 234.2 3 Apr/avr 2003 DE (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SELF-LOCKING SHAFT
- ARBRE A VERROUILLAGE AUTOMATIQUE
- (71) FICO CABLES S.A. [ES/ES]; Technological Centre Pujol & Tarragó, Polígono Industrial Can Margarola, Ctra. C-17 km 13, E-08100 Mollet del Vallès (ES). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BARRIOS VILLÁ, Josep [ES/ES]; C/Bages, 3, E-08233 Vacarisses (ES). TERRADAS PRAT, Jaume [ES/ES]; C/Rosselló 492, 2^o 2a, E-08025 Barcelona (ES). SANCHEZ REVILLA, Eduardo [ES/ES]; C/Serra Camaro, 18, E-08026 Sabadell (ES). GRAS, David, Alonso [ES/ES]; Av. Rius i Taulet 34, 3^o 3a, E-08190 Sant Cugat del Vallès (ES). PARDO ALOY,

David [ES/ES]; Av. Bertomeau, 27, E-08193 Bellaterra (ES). JORNET VIDAL, Jordi [ES/ES]; C/Galvani 110, 3^o 3a, E-08224 Terrassa (ES).

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

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

(51)⁷ F16B 5/07

(11) WO 2004/088150 (13) A2

(21) PCT/FR2004/050124

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 0350067 26 Mar/mar 2003 FR (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LAUNCHER ASSEMBLY COMPRISING A FIXING DEVICE CAPABLE OF ISOLATING AN EQUIPMENT FROM A DYNAMIC OR PYROTECHNIC ENVIRONMENT

• ASSEMBLAGE POUR LANCEUR COMPRENANT UN DISPOSITIF DE FIXATION SUSCEPTIBLE D'ISOLER UN EQUIPEMENT D'UN ENVIRONNEMENT DYNAMIQUE ET/OU PYROTECHNIQUE

(71) EADS SPACE TRANSPORTATION SA [FR/FR]; 37 boulevard de Montmorency, F-75781 PARIS CEDEX 16 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LE NECHET, Eric [FR/FR]; 43 allée des Cigales, F-33160 St Aubin de Medoc (FR). FROSSARD, Fabien [FR/FR]; 13, rue du Général Pershing, F-78000 VERSAILLES (FR). PASS-LANNEAU, Patrick [FR/FR]; 52, rue des Entrepreneurs, F-75015 PARIS (FR).

(74) POULIN, Gérard; 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)⁷ F16B 21/07

(11) WO 2004/088151 (13) A2

(21) PCT/FR2004/000782

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr (26) fr

(30) 03/03902 28 Mar/mar 2003 FR (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR RELEASABLY FIXING TWO MOTOR VEHICLE COMPONENTS, VEHICLE COMPONENT COMPRISING PART OF SUCH A DEVICE, AND USE THEREOF

• DISPOSITIF DE FIXATION LIBERABLE DE DEUX PIÈCES DE VEHICULE AUTOMOBILE, PIÈCE DE VEHICULE COMPRENANT UNE PARTIE D'UN TEL DISPOSITIF, ET UTILISATION D'UN TEL DISPOSITIF

(71) FAURECIA INDUSTRIES [FR/FR]; 2, rue Hennape, F-92000 Nanterre (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MARTINET, Gilles [FR/FR]; 29, rue de Bourgogne, F-25420 Voujeaucourt (FR).

(74) JACOBSON, Claude et al. / etc.; Cabinet LAVOIX, 2, place d'Estienne d'Orves, F-75441 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).

(51)⁷ F16B 21/18

(11) WO 2004/088152 (13) A1

(21) PCT/DE2004/000650

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 14 202.9 28 Mar/mar 2003 DE (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOCKING RING

• CIRCLIP

(71) SHAFT-FORM-ENGINEERING GMBH [DE/DE]; Dieselstrasse 59, 63165 Mühlheim (DE).

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(72, 75) JACOB, Werner [DE/DE]; Wiener Strasse 77, 60599 Frankfurt (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).

Published / Publiée : (c)

(51)⁷ F16B 35/04, 39/00, 41/00

(11) WO 2004/088153 (13) A1

(21) PCT/SE2004/000044

(22) 16 Jan/jan 2004 (16.01.2004)

(25) en (26) en

(30) 0307644.5 2 Apr/avr 2003 GB (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A FASTENING

• PIÈCE D'ATTACHE

(71) AUTOLIV DEVELOPMENT AB [SE/SE]; S-447 83 Vångårda (SE).

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

(72, 75) JACONELLI, Håkan [SE/SE]; Götagatan 20, S-441 39 Alingsås (SE). MALMENSTAM, Jonas [SE/SE]; Stenåsen, S-441 42 Alingsås (SE).

(74) MEULLER, Erik; Autoliv Development AB, S-447 83 Vångårda (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)⁷ F16B 39/32

(11) WO 2004/088154 (13) A1

(21) PCT/EP2004/003359

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 03007694.7 3 Apr/avr 2003 EP (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SELF-BLOCKING FIXING DEVICE

• DISPOSITIF DE FIXATION AUTOBLOQUANT

(71) SIEMENS AKTIENGESellschaft [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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

(72, 75) TIEMANN, Peter [DE/DE]; Oberdorf 14, 58452 Witten (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).

Published / Publiée : (c)

(51)⁷ F16C 11/06

(11) WO 2004/088155 (13) A1

(21) PCT/GB2004/001295

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307425.9 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SPHERICAL BEARING ARRANGEMENT

• ENSEMBLE PALIER A ROTULE

(71) MINEBEA CO. LTD. [JP/JP]; 4106-73, Oaza Miyota, Miyota-Machi, Kitasaku-gun, Nagano 389-0293 (JP).

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

(72, 75) SMITH, Paul, Raymond [GB/GB]; NMB-Minebea UK Ltd., Doddington Road, Lincoln LN6 3RA (GB). GOURDOL, Jerome [FR/GB]; NMB-Minebea UK Ltd., Doddington Road, Lincoln LN6 3RA (GB).

(74) FORRESTER KETLEY & CO; Forrester House, 52 Bounds 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).

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(51)⁷ F16C 11/06, 27/06

(11) WO 2004/088156 (13) A1

(21) PCT/GB2004/001298

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307424.2 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SPHERICAL BEARING ARRANGEMENT

• DISPOSITIF DE PALIER A ROTULE

(71) MINEBEA CO. LTD. [JP/JP]; 4106-73, Oaza Miyota, Miyota-Machi, Kitasaku-gun, Nagano 389-0293 (JP).

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

(72, 75) SMITH, Paul, Raymond [GB/GB]; NMB-Minebea UK Ltd., Doddington Road, Lincoln LN6 3RA (GB). CLARKE, Allen, Christopher [GB/GB]; NMB-Minebea UK Ltd., Doddington Road, Lincoln LN6 3RA (GB).

(74) FORRESTER KETLEY & CO; Forrester House, 52 Bounds 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).

Published / Publiée : (a)

(51)⁷ F16C 11/06

(11) WO 2004/088157 (13) A1

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(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307549.6 1 Apr/avr 2003 GB (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SEALED SPHERICAL BEARING

• ARTICULATION SPHERIQUE FER-MEE

(71) MINEBEA CO. LTD. [JP/JP]; 4106-73, Oaza Miyota, Miyota-Machi, Kitasaku-gun, Nagano 389-0293 (JP).

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(72, 75) SMITH, Paul, Raymond [GB/GB]; NMB-Minebea UK Ltd., Doddington Road, Lincoln LN6 3RA (GB). GOURDOL, Jerome [GB/GB]; NMB-Minebea UK Ltd., Doddington Road, Lincoln LN6 3RA (GB).

(74) FORRESTER KETLEY & CO; Forrester House, 52 Bounds 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).

Published / Publiée : (a)

(51)⁷ F16C 33/20, B04B 9/12

(11) WO 2004/088158 (13) A1

(21) PCT/US2004/009105

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/401,660 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WEAR-RESISTANT POLYMERIC BUSHING FOR BIOPHARMACEUTICAL APPLICATIONS

• DOUILLE POLYMERES RESISTANTE A L'USURE DESTINEE A DES APPLICATIONS BIOPHARMACEUTIQUES

(71) BAYER HEALTHCARE LLC [US/US]; 555 White Plains Road, Tarrytown, NY 10591 (US).

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

(72, 75) DESHPANDE, Prasanna, A. [IN/US]; 2804 Isabella Drive, Raleigh, North Carolina 27603 (US).

(74) MASSEY, Carl, B., Jr.; Womble Carlyle Sandridge & Rice PLLC, One Atlantic Center, Ste. 3500, 1201 West Peachtree Street, Atlanta, GA 30309 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 FR GB GR HU IE IT LU MC NL PL PT 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)⁷ F16D 48/08

(11) WO 2004/088159 (13) A1

(21) PCT/JP2004/004267

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-092298 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOMATIC-START CONTROL DEVICE FOR MOTOR VEHICLE

• DISPOSITIF DE COMMANDE DE DEMARRAGE AUTOMATIQUE POUR VEHICULE A MOTEUR

(71) NISSAN DIESEL MOTOR CO., LTD. [JP/JP]; 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP).

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

(72, 75) KITAMURA, Toshio [JP/JP]; c/o Nissan Diesel Motor Co., Ltd., 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP). ICHIKAWA, Yuuichi [JP/JP]; c/o Nissan Diesel Motor Co., Ltd., 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP). HAYASHI, Akihisa [JP/JP]; c/o Nissan Diesel Motor Co., Ltd., 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP). OKAMOTO, Isao [JP/JP]; c/o Nissan Diesel Motor Co., Ltd., 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP). ISOBE, Osamu [JP/JP]; c/o Nissan Diesel Motor Co., Ltd., 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP).

(74) SASAJIMA, Fujio et al. / etc.; Toranomon 1-chome Mori Bldg., 19-5, 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)⁷ F16D 65/12

(11) WO 2004/088160 (13) A1

(21) PCT/BR2004/000044

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) PI0300864-9 3 Apr/avr 2003 BR
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A WHEEL WITH A BRAKE ROTOR

• ROUE A DISQUE DE FREIN

(71) ARVINMERITOR DO BRASIL SISTEMAS AUTOMOTIVOS LTDA. [BR/BR]; Av. Major José Levy Sobrinho, 2700, 13486-925 Limeira - SP (BR).

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(72, 75) RODRIGUES, Flávio [BR/BR]; Rua Brasil, 238, Limeira - SP (BR). GRITTI, João, Alfredo [BR/BR]; Rua Santo Antonio, 92, apto 72, Campinas - SP (BR). FRANCISCHETTI, Evandro, Luís [BR/BR]; Rua Agenor Ferreira de Camargo, 100, Limeira - SP (BR). GOMES CORREIA, Egidio, Miguel [BR/BR]; Rua Marciano Capella, 742, São Paulo - SP (BR). TUBERO, Sérgio, Charles [BR/BR]; Rua Verbo Divino, 800, apto 42, São Paulo - SP (BR). GOSSER, Nelson, Jr. [BR/BR]; Rua Padre João, 194, Piracicaba - SP (BR). SILVA, Rafael, Jr. [BR/BR]; Rua Argentina, 520, Bloco 16, apto 34, Limeira - SP (BR). BECKER, Paulo, Roberto [BR/BR]; Rua Evangelista Paulilo, 513, Limeira - SP (BR). BONALDI, José, Henrique [BR/BR]; Rua Moacir Mathiensen 472, Araras - SP (BR). YOLLICK, Steven, Allan [US/US]; 6028 Walker Dr., Troy, MI 48085 (US).

(74) DANNEMANN, SEIMSEN, BIGLER & IPANEMA MOREIRA; Caixa Postal 2142, Rua Marquês de Olinda, 70, 22251-040 Rio de Janeiro-RJ (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).

(51)⁷ F16D 65/12

(11) WO 2004/088161 (13) A1

(21) PCT/IT2003/000190

(22) 31 Mar/mar 2003 (31.03.2003)

(25) it (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A DISC FOR A DISC BRAKE DISC BRAKE AND BRAKE BAND FOR A DISC

• DISQUE POUR FREIN A DISQUE, FREIN A DISQUE ET RUBAN DE FREIN POUR 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) OBERTI, Leone [IT/IT]; Via Scalvino, 27, I-24010 Lenna (IT). VASSALLI, Luca [IT/IT]; Via Martiri di Cefalonia, 6, I-24021 Albino (IT).

(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) 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)⁷ F16D 65/12

(11) WO 2004/088162 (13) A1

(21) PCT/US2004/009367

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,596 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • QUICK-MOUNT DISC BRAKE ROTOR

• ROTOR DE FREIN A DISQUE A MONTAGE RAPIDE

(71) HAYES DISC BRAKES, LLC [US/US]; 5800 W. Donges Bay Road, Mequon, WI 53092 (US).

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

(72, 75) CAMPBELL, Darren, J. [US/US]; W141 N4857 Golden Fields Court, Menomonee Falls, WI 53051 (US).

(74) KUSZEWSKI, Alexander, R. et al. / etc.; Whyte Hirschboeck Dudek S.C., Suite 1900, 555 East Wells Street, Milwaukee, WI 53202-3819 (US).

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

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

(i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)⁷ F16F

(11) WO 2004/088163 (13) A2

(21) PCT/US2004/008900

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,183 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SHOCK ABSORBING SUSPENSION WHEEL HOUSING FOR LUGGAGE

• PASSAGE DE ROUE A SUSPENSION ABSORBANT LES CHOCS DESTINE A UN BAGAGE

(71) SAMSONITE CORPORATION [US/US]; 11200 East Forty-fifth Avenue, Denver, CO 80239 (US).

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

(72, 75) KARL, Philip, J. [US/US]; 234 Williams Street, Providence, RI 02906 (US).

(74) O'CONNOR, Gregory, W.; Samsonite Corporation, 11200 East Forty-fifth Avenue, Denver, CO 80239 (US).

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

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

(51)⁷ F16F

(11) WO 2004/088164 (13) A2

(21) PCT/US2004/009544

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/403,952 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ENGINE MOUNT

• BATI MOTEUR

(71) COOPER TECHNOLOGY SERVICES, LLC. [US/US]; 701 Lima Avenue, Findlay, OH 45840 (US).

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(72) DEBOLT, John, T.; 155 Lane 201, Crooked Lake, Angola, IN 46703 (US). EMIN, Didier, T.; 405 Estero Road, Fort Wayne, IN 46845 (US).

(74) NAUMAN, Timothy, E.; Fay, Sharpe, Fagan, Minnich & McKee, LLP, 1100 Superior Avenue, 7th 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 US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ F16F 13/14, 3/093

(11) WO 2004/088165 (13) A1

(21) PCT/EP2004/003369

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 15 247.4 3 Apr/avr 2003 DE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BEARING BUSH COMPRISING A SPRING ELEMENT

• COUSSINET DE PALIER POURVU D'UN ELEMENT RESSORT

(71) TRELLEBORG AUTOMOTIVE TECHNICAL CENTRE GMBH [—/DE]; Bergstrasse 63a, 56203 Höhr-Grenzhausen (DE).

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(72, 75) KIEFFER, Jérôme [FR/FR]; 232, rue de la Falaise, F-44300 Nantes (FR). DRUMEL, Philippe [FR/FR]; 18, rue de la Nobilière, F-44980 Sainte Luce sur Loire (FR).

(74) PREISSNER, Nicolaus et al. / etc.; Flügel Preissner Kastel, Postfach 44 03 62, 80752 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)

(51)⁷ F16H 1/32

(11) WO 2004/088166 (13) A1

(21) PCT/GB2004/001477

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0307886.2 4 Apr/avr 2003 GB (04.04.2003)

(30) 0321721.3 16 Sep/sep 2003 GB (16.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RATIO CHANGING METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE CHANGEMENT DE RAPPORTS

(71, 72) HAMMERBECK, John, P., R. [GB/GB]; Rawlings House, 2a Milner Street, London SW3 2PU (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).

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(51)⁷ F16H 3/00

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(21) PCT/US2004/009515

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,457 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MODULAR GEAR SYSTEM FOR PUMP

• SYSTEME D'ENGRENAGE MODULAIRE POUR POMPE

(71) LINCOLN INDUSTRIAL CORPORATION [US/US]; One Lincoln Way, St. Louis, MO 63120-1578 (US).

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

(72, 75) DICARLO, Leonard, J. [US/US]; c/o Lincoln Industrial Corporation, One Lincoln Way, St. Louis, MO 63120-1578 (US).

(74) TUEGEL, Donald, W. 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).

(51)⁷ F16H 3/72

(11) WO 2004/088168 (13) A1

(21) PCT/GB2004/001235

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10314234.7 29 Mar/mar 2003 DE
(29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FOUR BRANCH DIFFERENTIAL
TRANSMISSION SYSTEMS

• SYSTEMES DE TRANSMISSION
DIFFERENTIELLE A QUATRE
BRANCHES

(71) F.H. MOELLER LIMITED [GB/GB]; The
Paddock, 182 Main Road, Milford, Stafford
ST17 0UN (GB).

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

(72, 75) MOELLER, Frank [DE/GB]; The Pad-
dock, 182 Main Road, Milford, Stafford ST17
0UN (GB).

(74) JENNINGS, Nigel, Robin 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).

(51)⁷ F16H 7/02, 13/02, F02B 67/04, F01P 5/12

(11) WO 2004/088169 (13) A1

(21) PCT/EP2004/050421

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03425204.9 2 Apr/avr 2003 EP
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DRIVE ASSEMBLY FOR DRIVING A
ROTARY MEMBER, IN PARTICULAR
A COMBUSTION ENGINE WATER
PUMP SHAFT

• ENSEMBLE DE COMMANDE POUR
ELEMENT ROTATIF, EN PARTICU-
LIER ARBRE DE POMPE A EAU DE
MOTEUR A COMBUSTION

(71) DAYCO EUROPE S.R.L. CON UNICO
SOCIO [IT/IT]; Zona Industriale Vallecupa,
I-64010 Colonnella (IT). BAYERISCHE
MOTOREN WERKE AKTIENGE-
SELLSCHAFT [DE/DE]; Petuelring 130,
80809 München (DE).

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

(72, 75) DI GIACOMO, Tommaso [IT/IT]; Via
Papa Leone XIII, 45, I-66013 Chieti Scalo
(IT). LEMBERGER, Heinz [DE/DE]; Ho-
fackerallee 1, 85774 Unterföhring (DE).

(74) JORIO, Paolo et al. / etc.; 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).

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(51)⁷ F16H 7/08, F16B 21/08, 7/18

(11) WO 2004/088170 (13) A1

(21) PCT/EP2004/003195

(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 203 05 617.5 4 Apr/avr 2003 DE
(04.04.2003)

(30) 203 05 555.1 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR CON-
NECTING TWO PROFILED MEMBERS
HAVING A DIFFERENT FUNCTION

• PROCEDE ET DISPOSITIF PERMET-
TANT DE RELIER DEUX PROFILES
DE FONCTION DIFFERENTE

(71) MURTFELDT KUNSTSTOFFE GMBH
& CO. KG [DE/DE]; Hesslingsweg 14-16,
44309 Dortmund (DE).

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

(72, 75) SCHNITTKER, Christian [DE/DE];
Wasserstrasse 35, 44803 Bochum (DE).

(74) DABRINGHAUS, Walter et al. / etc.;
Rosa-Luxemburg-Strasse 18, 44141 Dort-
mund (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)⁷ F16H 7/12

(11) WO 2004/088171 (13) A1

(21) PCT/EP2004/050420

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03425203.1 2 Apr/avr 2003 EP
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TWO-ARM BELT TENSIONER

• TENSIONNEUR DE COURROIE A
DEUX BRAS

(71) DAYCO EUROPE S.R.L. CON UNICO
SOCIO [—/IT]; Zona Industriale Vallecupa,
I-64010 Colonnella (IT). BAYERISCHE
MOTOREN WERKE AKTIENGE-
SELLSCHAFT [DE/DE]; Petuelring 130,
80809 München (DE).

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

(72, 75) DI GIACOMO, Tommaso [IT/IT]; Via
Papa Leone XIII, 45, I-66013 Chieti Scalo
(IT). LEMBERGER, Heinz [DE/DE]; Ho-
fackerallee, 1, 85774 Unterföhring (DE).

(74) JORIO, Paolo et al. / etc.; 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).

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(51)⁷ F16H 25/14

(11) WO 2004/088172 (13) A1

(21) PCT/JP2003/003982

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROTATION/OSCILLATION CONVERT-
ING MECHANISM

• MECANISME DE CONVERSION RO-
TATION EN OSCILLATION

(71) **KABUSHIKI KAISHA YAMAWA KI-GYO** [JP/JP]; 23, Miyacho 2-chome, Saitama-shi, Saitama 330-0802 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWAII, Osamu** [JP/JP]; 29-2, Shimotakaido 2-chome, Suginami-ku, Tokyo 168-0073 (JP).

(74) **SHAMOTO, Ichio** et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) AE AG AL 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ **F16H 31/00**

(11) **WO 2004/088173** (13) A1

(21) PCT/US2004/009547

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

(25) en (26) en

(30) 10/403,810 **31 Mar/mar 2003 US (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR SELECTIVE ENGAGEMENT AND DISENGAGEMENT OF A RING GEAR OF A GEAR SET

• PROCÉDE ET APPAREIL D'ENGAGEMENT ET DE DISENGAGEMENT SELECTIF D'UNE COURONNE D'UN TRAIN D'ENGRENAGES

(63) US 10/403,810 (CON) 31 Mar/mar 2003 (31.03.2003)

(71) **DP MANUFACTURING INCORPORATED** [US/US]; P.O. Box 471710, Tulsa, OK 74147 (US).

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

(72, 75) **JONES, Tony, L.** [US/US]; 5871 East 164th Street South, Bixby, OK 74008 (US).
WILLIAMS, Kirk, J. [US/US]; 1141 North Butternut Avenue, Broken Arrow, OK 74012 (US).

(74) **COHEN, Julian, H.** et al. / etc.; Ladas & Parry, 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)⁷ **F16H 37/04**

(11) **WO 2004/088174** (13) A1

(21) PCT/EP2004/003274

(22) **27 Mar/mar 2004 (27.03.2004)**

(25) de (26) de

(30) 103 15 313.6 **4 Apr/avr 2003 DE (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRANSMISSION, IN PARTICULAR AN AUTOMATED POWER-BRANCHED MULTI-SPEED GEARING

• TRANSMISSION, EN PARTICULIER TRANSMISSION A PLUSIEURS VITESSES AUTOMATISEES A DERIVATION DE PUISSANCE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; 88038 Friedrichshafen (DE).

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

(72, 75) **GUMPOLTSBERGER, Gerhard** [DE/DE]; Saint-Dié-Str. 25, 88045 Friedrichshafen (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; 88038 Friedrichshafen (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).

(51)⁷ **F16H 57/04**

(11) **WO 2004/088175** (13) A1

(21) PCT/EP2004/003354

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) de (26) de

(30) 103 14 733.0 **31 Mar/mar 2003 DE (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DRIVE HEAT-EXCHANGER UNIT

• UNITE ECHANGEUR DE CHALEUR-TRANSMISSION

(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) **BUSCH, Jörg** [DE/DE]; Weikersbergstrasse 51/2, 89551 Königsbrunn-Zang (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).

(51)⁷ **F16H 61/02 // 59:18, 59:42, 59:44, 59:66**

(11) **WO 2004/088176** (13) A1

(21) PCT/JP2004/004252

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ja (26) ja

(30) 2003-090824 **28 Mar/mar 2003 JP (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOMATIC SPEED-CHANGE CONTROL DEVICE

• DISPOSITIF DE COMMANDE DE CHANGEMENT DE VITESSE AUTOMATIQUE

(71) **NISSAN DIESEL MOTOR CO., LTD.** [JP/JP]; 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP).

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(72, 75) **KITAMURA, Toshio** [JP/JP]; c/o Nissan Diesel Motor Co., Ltd., 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP).
ICHIKAWA, Yuuichi [JP/JP]; c/o Nissan Diesel Motor Co., Ltd., 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP).
HAYASHI, Akihisa [JP/JP]; c/o Nissan Diesel Motor Co., Ltd., 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP).
OKAMOTO, Isao [JP/JP]; c/o Nissan Diesel Motor Co., Ltd., 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP).
ISOBE, Osamu [JP/JP]; c/o Nissan Diesel Motor Co., Ltd., 1, Ooaza 1-chome, Ageo-shi, Saitama 3628523 (JP).

(74) **SASAJIMA, Fujio** et al. / etc.; Toranomom 1-chome Mori Bldg., 19-5, 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 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)⁷ F16H 61/32
(11) WO 2004/088177 (13) A1
(21) PCT/FR2004/050130
(22) 29 Mar/mar 2004 (29.03.2004)
(25) fr (26) fr
(30) 0303915 28 Mar/mar 2003 FR (28.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • CONTROL DEVICE FOR ROBOTIZED GEARBOX AND METHOD FOR AUTOMATICALLY DETERMINING GEOMETRIC FEATURES OF THE CONTROL GRID THEREOF
• DISPOSITIF DE COMMANDE DE BOITE DE VITESSES ROBOTISEE ET PROCEDE DE DETERMINATION AUTOMATIQUE DE PARTICULARITES GEOMETRIQUES DE LA GRILLE DE COMMANDE DE CE DISPOSITIF.
(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) GEFFROY, Pascal [FR/FR]; 1, rue Debray, F-80000 AMIENS (FR). DUTIER, Ivan [FR/FR]; 47, rue du Général Domon, F-80000 AMIENS (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).
Published / Publiée : (c)
(51)⁷ F16J
(11) WO 2004/088178 (13) A2
(21) PCT/US2004/009101
(22) 26 Mar/mar 2004 (26.03.2004)
(25) en (26) en
(30) 10/397,388 26 Mar/mar 2003 US (26.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • METHOD FOR MANUFACTURING AN ALUMINUM DIE CAST PISTON FOR RECIPROCATING COMPRESSORS
• PROCEDE DE FABRICATION D'UN PISTON EN ALUMINIUM COULE SOUS PRESSION DESTINE A DES COMPRESSEURS ALTERNATIFS
(71) BRISTOL COMPRESSORS, INC. [US/US]; 15185 Industrial Park Road, Bristol, VA 24202 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) NARNEY II, John [US/US]; 33 Brandon Lane, Bristol, VA 24201 (US). MONK, David [US/US]; 167 Masters Court, Bristol, VA 24202 (US). HIX, Scott [US/US]; 17 Heritage Drive #25, Bristol, VA 24201 (US). MAJERUS, Benjamin [US/US]; 83 Winding Way Road, Bristol, VA 24202 (US).
(74) SATTIZAHN, Brian et al. / etc.; McNees Wallace & Nurick LLC, 100 Pine Street, P.O. Box 1166, Harrisburg, PA 17108-1166 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
(51)⁷ F16J 9/20
(11) WO 2004/088179 (13) A1
(21) PCT/DE2004/000150
(22) 31 Jan/jan 2004 (31.01.2004)
(25) de (26) de
(30) 103 14 034.4 28 Mar/mar 2003 DE (28.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • PISTON RING
• SEGMENT DE PISTON
(71) FEDERAL-MOGUL BURSCHIED GMBH [DE/DE]; Bürgermeister-Schmidt-Str. 17, 51399 Burscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BREUER, Claus [DE/DE]; Lindenweg 57, 42929 Wermelskirchen (DE). MITTLER, Richard [DE/DE]; Altstadtstr. 176, 51379 Leverkusen (DE).
(74) FEDERAL-MOGUL BURSCHIED GMBH; Werk 1 - Office Burscheid, Patentabteilung, Manfred Zellerhoff, Bürgermeister-Schmidt-Str. 17, 51300 Burscheid (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 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 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)⁷ F16J 15/00
(11) WO 2004/088180 (13) A2
(21) PCT/GB2004/001115
(22) 16 Mar/mar 2004 (16.03.2004)
(25) en (26) en
(30) 0307291.5 29 Mar/mar 2003 GB (29.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • A SEAL ARRANGEMENT
• DISPOSITIF DE JOINT D'ETANCHEITE
(71) ROLLS-ROYCE PLC [GB/GB]; 65 Buckingham Gate, London SW1E 6AT (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) NICHOLSON, Richard [GB/GB]; 11 Constable Drive, Littleover, Derby DE23 6EP (GB). FORFAR, James, Edward [GB/GB]; 27 Enfield Street, Beeston, Nottingham NG9 1DN (GB).
(74) GUNN, Michael, Alan; Rolls-Royce plc, P.O. Box 31 (ML-9), Derby DE24 8BJ (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)⁷ F16J 15/08
(11) WO 2004/088181 (13) A1
(21) PCT/JP2004/003829
(22) 22 Mar/mar 2004 (22.03.2004)
(25) ja (26) ja
(30) 2003-095176 31 Mar/mar 2003 JP (31.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • RING-SHAPED METAL GASKET
• JOINT D'ETANCHEITE METALLIQUE ANNULAIRE
(71) NICHIAS CORPORATION [JP/JP]; 1-1-26, Shibadaimon, Minato-ku, Tokyo,

- 1058555 (JP). **HONDA MOTOR CO. LTD.** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAHIRO, Kenichi** [JP/JP]; c/o NICHIAS CORPORATION Hamamatsu Research Laboratory, 1-8-1, Shinmiyakoda, Hamamatsu-shi, Shizuoka, 4312103 (JP). **MORI, Hideaki** [JP/JP]; c/o NICHIAS CORPORATION Hamamatsu Research Laboratory, 1-8-1, Shinmiyakoda, Hamamatsu-shi, Shizuoka, 4312103 (JP). **HANASHIMA, Kanji** [JP/JP]; c/o NICHIAS CORPORATION Hamamatsu Research Laboratory, 1-8-1, Shinmiyakoda, Hamamatsu-shi, Shizuoka, 4312103 (JP). **OIKAWA, Toshihiro** [JP/JP]; c/o KABUSHIKI KAISHA HONDA GIJUTSU KENKYUSHO, 4-1, Chuo 1-chome, Wako-shi, Saitama, 3510193 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F16K**
- (11) **WO 2004/088183** (13) A2
- (21) PCT/US2004/010101
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 60/460,282 **3 Apr/avr 2003** US
(03.04.2003)
- (30) 10/644,704 **19 Aug/août 2003** US
(19.08.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • VALVE EMBODIMENT AND COMBINATION VALVE AND REGULATOR FOR USE WITH PRESSURIZED GAS CYLINDERS, PARTICULARLY OXYGEN CYLINDERS
- MODE DE REALISATION DE VALVE ET COMBINAISON VALVE-REGULATEUR A UTILISER AVEC DES BOUTEILLES A GAZ SOUS PRESSION, NOTAMMENT DES BOUTEILLES D'OXYGENE
- (71) **LUXFER GAS CYLINDERS, INC.** [US/US]; 3016 Kansas Avenue, Riverside, CA 92507 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **HULL, Wendell, C.** [US/US]; 3220 Arrowhead Street, Las Cruces, NM 88011 (US). **NEWTON, Barry, E.** [US/US]; 5032 Sun Shadow Place, Las Cruces, NM 88011 (US).
- (74) **BAKER, Rod, D.**; 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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ **F16K 1/22**
- (11) **WO 2004/088184** (13) A1
- (21) PCT/JP2003/009754
- (22) **31 Jul/juil 2003 (31.07.2003)**
- (25) ja (26) ja
- (30) 2003-92285 **28 Mar/mar 2003** JP
(28.03.2003)
- (30) 2003-92286 **28 Mar/mar 2003** JP
(28.03.2003)
- (30) 2003-92287 **28 Mar/mar 2003** JP
(28.03.2003)
- (30) 2003-92288 **28 Mar/mar 2003** JP
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • BUTTERFLY VALVE
- VANNE PAPILLON
- (71) **TOMOE TECHNICAL RESEARCH COMPANY LTD.** [JP/JP]; 91-1, Honjoh-Naka 2-chome, Higashiosaka-shi, Osaka 578-0957 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAMESAWA, Jiro** [JP/JP]; C/O TOMOE TECHNICAL RESEARCH COMPANY LTD., 91-1, Honjoh-Naka 2-chome, Higashiosaka-shi, Osaka 578-0957 (JP).
- (74) **TAKEUCHI, Hiroshi**; Nishiwaki-building 1, Kojimachi 4-chome, Chiyoda-ku, Tokyo 102-0083 (JP).
- (81) CN GB KR US.
- (51)⁷ **F16K 5/06**
- (11) **WO 2004/088185** (13) A1
- (21) PCT/KR2004/000020
- (22) **8 Jan/jan 2004 (08.01.2004)**
- (25) en (26) en
- (30) 10-2003-0010298 **19 Feb/fév 2003** KR
(19.02.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • FOLDABLE HANDLE FOR A BALL VALVE
- MANETTE REPLIABLE POUR SOUPAPE À BILLE
- (71, 72) **PARK, Sil-Sang** [KR/KR]; 222-3, Daegam-Ri, Sangdong-Myeon, Kimhae, Kyeongnam-Do_623-810 (KR).
- (74) **KIM, Young-Ok**; OK International Patent & Law Office, 1242, Yeonsan 5-Dong, Yeonje-Gu, Busan_600-085 (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)⁷ **F16J 15/32**
- (11) **WO 2004/088182** (13) A1
- (21) PCT/DE2004/000647
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) de (26) de
- (30) 103 14 533.8 **31 Mar/mar 2003** DE
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SEALING ARRANGEMENT
- ENSEMBLE JOINT
- (71) **BUSAK + SHAMBAN DEUTSCHLAND GMBH** [DE/DE]; Handwerkstrasse 5-7, 70565 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PETER, Jörg** [DE/DE]; Schwabenstrasse 33, 71101 Schönaich (DE). **POETHIG, Rolf** [DE/DE]; Allemannenstrasse 24, 71088 Holzgerlingen (DE). **FRENZEL, Ulrich** [DE/DE]; Margaretenweg 3, 70839 Gerlingen (DE). **ADOLF, Jean-Jacques** [FR/FR]; 256 rue de Saugy, 01170 Cessy (FR). **JORDAN, Holger** [DE/DE]; Novizenweg 140, 73765 Neuhausen a.d.F. (DE). **CATENI, Gianfranco** [IT/IT]; Via Salvini 35, I-57125 Livorno (IT). **SCALTRITI, Doriano** [IT/IT]; Via dei Martiri, 37, I-42010 Rio Saliceto (IT).
- (74) **KOHLER, SCHMID, MÖBUS**; Ruppmannstrasse 27, 70565 Stuttgart (DE).

MC 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)⁷ F16K 11/22, 27/02

(11) WO 2004/088186 (13) A1

(21) PCT/AT2004/000067

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) A 521/2003 3 Apr/avr 2003 AT
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR CONTROLLING THE FLOW OF LIQUID OR GASEOUS MEDIA

• DISPOSITIF POUR REGULER L'ECOLEMENT DE MILIEUX LIQUIDES OU GAZEUX

(71, 72) SCHWARZ, Alois [AT/AT]; Schwendterstrasse 28, A-6382 Kirchdorf (AT).

(74) ATZWANGER, Richard; Mariahilfer Strasse 1c, A-1060 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).

(51)⁷ F16K 24/04

(11) WO 2004/088187 (13) A1

(21) PCT/IL2004/000258

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 155180 1 Apr/avr 2003 IL
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GAS PURGE VALVE

• SOUPAPE D'EVACUATION DE GAZ

(71) A.R.I. FLOW CONTROL ACCESSORIES AGRICULTURAL COOPERATIVE [IL/IL]; Kibbutz Kfar Charuv, D.N. Ramat Hagolan 12932 (IL).

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

(72, 75) KATZMAN, Youval [IL/IL]; 9 Yigal Alon Street, Zichron Yaacov 30900 (IL). KANDANYAN, Mordechai [IL/IL]; Kibbutz Kfar Charuv, D.N. Ramat Hagolan 12932 (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).

Published / Publiée : (c)

(51)⁷ F16K 31/00

(11) WO 2004/088188 (13) A2

(21) PCT/FR2004/000773

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr (26) fr

(30) 0303854 28 Mar/mar 2003 FR
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTROMAGNETIC ACTUATING DEVICE

• DISPOSITIF D'ACTIONNEMENT ELECTROMAGNETIQUE

(71) JOHNSON CONTROLS TECHNOLOGY COMPANY [US/US]; 650 Waverly, HOLLAND, MI 49423 (US).

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

(72, 75) LONG, Marc [FR/FR]; 102 rue de Maubeuge, F-75010 PARIS (FR).

(74) LAVIALLE, Bruno et al. / etc.; c/o CABINET BOETTCHER, 22 rue du Général Foy, 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 :

(t) for the following designation / pour la désignation suivante : US

(51)⁷ F16K 31/126

(11) WO 2004/088189 (13) A1

(21) PCT/FR2004/000698

(22) 22 Mar/mar 2004 (22.03.2004)

(25) fr (26) fr

(30) 03/03727 26 Mar/mar 2003 FR
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INFLATING AND DEFLATING VALVE

• VANNE DE GONFLAGE ET DE DE-GONFLAGE

(71) SYEGON [FR/FR]; 13, route de la Minière, F-78000 Versailles (FR).

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

(72, 75) ADRION, David [FR/FR]; 14, rue des Ecoles, F-42120 Le Coteau (FR). MAQUAIRE, Michel [FR/FR]; 31, domaine des Blancs Bouleaux, F-45160 Ardon (FR).

(74) CELANIE, Christian; Cabinet Célanie, Boîte postale 214, 13, route de la Minière, F-78002 Versailles 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)⁷ F16K 37/00

(11) WO 2004/088190 (13) A1

(21) PCT/AU2004/000421

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 2003901476 1 Apr/avr 2003 AU
(01.04.2003)

(30) 2003901475 1 Apr/avr 2003 AU
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VALVE MONITORING METHOD AND ARRANGEMENT

• PROCEDE ET DISPOSITIF DE CONTROLE DE SOUPAPES

(71) MONATEC PTY LTD [AU/AU]; 5 Cochrane Street, PO Box 401, Mitcham, Victoria 3132 (AU).

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

(72, 75) BREEN, Donnelly [AU/AU]; c/- 5 Cochrane Street, PO Box 401, Mitcham, Victoria 3132 (AU). MEEHAN, Andrew [AU/AU]; c/- 5 Cochrane Street, PO Box 401, Mitcham, Victoria 3132 (AU). REID, Bradley [AU/AU]; c/- 5 Cochrane Street, PO Box 401, Mitcham, Victoria 3132 (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).

(51)⁷ F16L

(11) WO 2004/088191 (13) A2

(21) PCT/US2004/008674

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/458,849 28 Mar/mar 2003 US
(28.03.2003)

(30) 60/470,533 14 May/mai 2003 US
(14.05.2003)

(30) 10/788,686 27 Feb/fév 2004 US
(27.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF MANUFACTURING
COLD WORKED, HIGH STRENGTH
SEAMLESS CRA PIPE

• PROCEDE DE FABRICATION D'UN
TUYAU USINE A FROID, TRES RESIS-
TANT SANS SOUDURE ET A ALLIAGE
RESISTANT A LA CORROSION

(71) JOHN GANDY CORPORATION
[US/US]; 3303 West Davis, Suite 100,
Conroe, TX 77304 (US).

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

(72, 75) GANDY, John [US/US]; 550 Peach Tree
Park, Conroe, TX 77302 (US).

(74) GUNTER, Charles, D., Jr.; Whitaker,
Chalk, Swindle & Sawyer, LLP, 3500 City
Center Tower II, 301 Commerce Street, Fort
Worth, TX 76102-4186 (US).

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

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

(51)⁷ F16L 11/12

(11) WO 2004/088192 (13) A2

(21) PCT/GB2004/001424

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307808.6 4 Apr/avr 2003 GB
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLUID DISTURBANCE DAMPING IN
FLUID DRIVEN ACTIVATION DE-
VICES.

• ATTENUATION DES PERTURBA-
TIONS FLUIDIQUES DANS DES DIS-
POSITIFS A ASSISTANCE HYDRAU-
LIQUE

(71) EATON LIMITED [GB/GB]; P.O. Box 22,
Norfolk Street, Worsley Road North, Worsley,
Manchester M28 3ET (GB).

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

(72, 75) HARTLE, Kevin, John [GB/GB]; 59,
Belbroughton Road, Halesowen, West Mid-
lands, B63 4LS (GB).

(74) HAMMERSLEY, John et al. / etc.; Har-
rison 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).

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)⁷ F16L 17/10

(11) WO 2004/088193 (13) A1

(21) PCT/DE2004/000628

(22) 22 Mar/mar 2004 (22.03.2004)

(25) de (26) de

(30) 103 15 801.4 28 Mar/mar 2003 DE
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SEALING ELEMENT
FOR SEALING PIPES AND CHANNEL
SYSTEMS, PIPE LEAD-THROUGHS,
CONSTRUCTIONS AND THE LIKE

• PROCEDE ET ELEMENT
D'ETANCHEITE PERMETTANT
D'ETANCHEIFIER DES SYSTEMES DE
TUYAUX ET DE CANALISATIONS,
PASSAGES DE TUYAUX, OUVRAGES
ET EQUIVALENT

(71) PT-POLY-TEC GMBH [DE/DE]; Vertrieb
und Herstellung von Dichtungselementen,
Theodor-Heuss-Strasse 13, 63150 Heusen-
stamm (DE).

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

(72, 75) WEGENER, Eberhard [DE/DE];
Rathausstrasse 5, 15517 Fürstenwalde (DE).

(74) WABLAT, Wolfgang; Potsdamer Chaussee
48, 14129 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16L 21/03

(11) WO 2004/088194 (13) A1

(21) PCT/EP2004/002638

(22) 12 Mar/mar 2004 (12.03.2004)

(25) fr (26) fr

(30) 0304199 4 Apr/avr 2003 FR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GAS-TIGHT SEAL FOR A CONNEC-
TION BETWEEN TWO CONDUITS,
AND CONNECTION BETWEEN TWO
CONDUITS COMPRISING SAID SEAL

• JOINT D'ETANCHEITE AUX GAZ
POUR RACCORDEMENT ENTRE
DEUX CONDUITS ET RACCORDE-
MENT ENTRE DEUX CONDUITS
INCORPORANT LEDIT JOINT

(71) CARL FREUDENBERG KG [DE/DE];
Höhnerweg 2-4, 69469 Weinheim (DE).

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

(72, 75) PEPIN, Frédéric [FR/FR]; 57 rue
Gamard, F-37300 Joué-lès-Tours (FR).

(74) CARL FREUDENBERG KG; 69465 Wein-
heim (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)⁷ F16M

(11) WO 2004/088195 (13) A2

(21) PCT/US2004/009124

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,506 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RACK FOR SECURING A VARIETY OF
OBJECTS FOR A VARIETY OF PUR-
POSES• SUPPORT DESTINE A RETENIR DI-
VERS OBJETS A DIVERS USAGES(71, 72) GELDERT, Jason, Scott [CA/US];
7048 Snapdragon Drive, Carlsbad, CA 92008
(US).(74) LANDES, Jeffrey; Catalyst Law Group,
APC, Suite 220, 4330 La Jolla Village Drive,
San Diego, CA 92122 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ F16M 11/10, 11/28, F16B 7/14, 7/10

(11) WO 2004/088196 (13) A1

(21) PCT/EP2004/003094

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 15 612.7 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STAND

• PIED

(71) RITTAL GMBH & CO. KG [DE/DE]; Auf
dem Stützelberg, 35745 Herborn (DE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ROOT, Paul [DE/DE]; Finkenweg 7,
35080 Bad Endbach (DE).(74) FLECK, Hermann-Josef; Klingengasse 2,
71665 Vaihingen (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 BJCF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

Published / Publiée : (c)

(51)⁷ F17C 5/00

(11) WO 2004/088197 (13) A1

(21) PCT/EP2004/003180

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 14 797.7 1 Apr/avr 2003 DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CARBON DIOXIDE SUPPLY

• ALIMENTATION EN DIOXYDE DE
CARBONE(71) LINDE AKTIENGESELLSCHAFT
[DE/DE]; Abraham-Lincoln-Strasse 21,
65189 Wiesbaden (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PRALLER, Andreas [DE/DE];
Kriegerstrasse 67, 82110 Germering (DE).(74) LINDE AKTIENGESELLSCHAFT;
Zentrale Patentabteilung, 82049 Höllriegel-
skreuth (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)⁷ F17D

(11) WO 2004/088198 (13) A2

(21) PCT/US2004/009320

(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) 14 Oct/oct 2004 (14.10.2004)

(54) • PIPELINE TRENCH SYSTEM AND
METHOD OF CONSTRUCTION• SYSTEME DE TRANCHEE POUR PIPE-
LINES ET PROCEDE DE CONSTRUC-
TION(71) LONGHORN PARTNERS PIPELINE,
L.P. [US/US]; 1801 North 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,
Bellville, TX 77418 (US). SHERROD, Lee,
C. [US/US]; 2600 Dellana Lane, Austin,
TX 78746-5781 (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 78746-6453 (US). GERDING,
Mark, S. [US/US]; 10777 Clay Road, Hous-
ton, TX 77041 (US). HOYLE, Richard
[US/US]; Mail Drop 27-3, One Williams
Center, Tulsa, OK 74172 (US). RICE, Pat
[US/US]; Mail Drop WRC3-9, One Williams
Center, P.O.Box 3102, Tulsa, OK 74101-3102
(US). DOUGLAS, Tommy [US/US]; 10777
Clay Road, Houston, TX 77041-5497 (US).
HARRELL, Bryce [US/US]; 13730 IH-10
East, Converse, TX 78109 (US). BEACH,
James [US/US]; 1101 S. Capital of Texas
HWY, Suite B-220, Austin, TX_78746-5781
(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)⁷ F21L

(11) WO 2004/088199 (13) A2

(21) PCT/US2004/008472

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/397,766 25 Mar/mar 2003 US
(25.03.2003)(30) 10/644,392 19 Aug/août 2003 US
(19.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLASHLIGHT

• LAMPE TORCHE

(71) CHAPMAN/LEONARD STUDIO
EQUIPMENT [US/US]; 12950 Raymer
Street, North Hollywood, CA 91650 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CHAPMAN, Leonard, T. [US/US];
12950 Raymer Street, North Hollywood, CA
91605 (US).(74) OHRINER, Kenneth, H.; Perkins Coie
LLP, P.O. Box 1208, Seattle, WA 98111-1208
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ

- CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).
-
- (51)⁷ **F21S**
(11) **WO 2004/088200** (13) A2
(21) PCT/DE2004/000609
(22) **24 Mar/mar 2004 (24.03.2004)**
(25) de (26) de
(30) 103 14 524.9 **31 Mar/mar 2003 DE (31.03.2003)**
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • HEADLIGHT AND HEADLIGHT ELEMENT
• PHARE ET ELEMENT PHARE
(71) **OSRAM OPTO SEMICONDUCTORS GMBH** [DE/DE]; Wernerwerkstrasse 2, 93049 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BOGNER, Georg** [DE/DE]; Am Sandhügel 12, 93138 Lappersdorf (DE).
GRÖTSCH, Stefan [DE/DE]; Richard-Wagner-Strasse 6, 93055 Regensburg (DE).
REILL, Joachim [DE/DE]; Hauptstrasse 40, 93197 Zeitlarn (DE).
(74) **EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH**; Rüdlerstrasse 55, 80339 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)⁷ **F21S 8/10**
(11) **WO 2004/088201** (13) A1
(21) PCT/EP2004/003565
(22) **3 Apr/avr 2004 (03.04.2004)**
(25) de (26) de
(30) 103 15 131.1 **3 Apr/avr 2003 DE (03.04.2003)**
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • VEHICLE HEADLAMP
• PHARE DE VEHICULE
(71) **HELLA KG HUECK & CO.** [DE/DE]; Rixbecker Str. 75, 59552 Lippstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **EICHHORN, Karsten** [DE/DE]; Beelener Strasse 17c, 59320 Ennigerloh (DE). **HAGEDORN, Susanne** [DE/DE]; Freiburger Strasse 56a, 59558 Lippstadt (DE). **LÜDER, Christian** [DE/DE]; Milser Strasse 155, 33729 Bielefeld (DE). **WÜLLER, Martin** [DE/DE]; Holtrup 15, 48231 Warendorf (DE).
-
- (74) **SENDLER, Joachim**; Hella KG Hueck & Co., Rixbecker Strasse 75, 59552 Lippstadt (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)⁷ **F21S 8/10, B60Q 1/14, F21V 19/00, 5/00**
(11) **WO 2004/088202** (13) A2
(21) PCT/EP2004/003566
(22) **3 Apr/avr 2004 (03.04.2004)**
(25) de (26) de
(30) 103 15 133.8 **3 Apr/avr 2003 DE (03.04.2003)**
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • LIGHTING UNIT FOR MOTOR VEHICLES
• UNITÉ D'ÉCLAIRAGE POUR VÉHICULES
(71) **HELLA KG HUECK & CO.** [DE/DE]; Rixbecker Strasse 75, 59552 Lippstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **EICHHORN, Karsten** [DE/DE]; Beelener Strasse 17c, 59320 Ennigerloh (DE). **HAGEDORN, Susanne** [DE/DE]; Freiburger Strasse 56a, 59558 Lippstadt (DE).
(74) **HELLA KG HUECK & CO.**; Rixbecker Strasse 75, 59552 Lippstadt (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)⁷ **F21V 11/06**
(11) **WO 2004/088203** (13) A1
(21) PCT/EP2004/003520
(22) **2 Apr/avr 2004 (02.04.2004)**
(25) de (26) de
-
- (30) 103 15 268.7 **3 Apr/avr 2003 DE (03.04.2003)**
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • LIGHT INFLUENCING ELEMENT
• ELEMENT INFLUANT SUR LA LUMIERE
(71) **ZUMTOBEL STAFF GMBH** [AT/AT]; Schweizer Strasse 30, A-6850 Dornbirn (AT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KELLER, Katharina** [DE/DE]; Hundweilerstrasse 23, 88131 Lindau (DE).
(74) **SCHMIDT-EVERS, J.**; Mitscherlich & Partner, 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).
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- (51)⁷ **F21V 23/04, F21L 4/08**
(11) **WO 2004/088204** (13) A1
(21) PCT/AU2004/000397
(22) **29 Mar/mar 2004 (29.03.2004)**
(25) en (26) en
(30) 2003901553 **3 Apr/avr 2003 AU (03.04.2003)**
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • A FLASHLIGHT OR LIGHTING DEVICE
• DISPOSITIF D'ÉCLAIRAGE OU LAMPE TORCHE
(71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 533 Maryville University Drive, St. Louis, MO 63164 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DALTON, David, Richard** [AU/AU]; 19 Stonecrop Road, Turramurra, New South Wales 2074 (AU). **KW, Au** [CN/CN]; Flat 8, 11/F ManHor House, Chun Man Court, 66 Chung Hau Street, Ho Man Tin, Kowloon, Hong Kong (CN). **KOTSIS, Angelo** [AU/AU]; 34 Beauchamp Street, Marrickville, New South Wales 2204 (AU). **SQUIRES, Michael** [AU/AU]; 285 Morrison Road, Ryde, New South Wales 2112 (AU).
(74) **BORG, Keith, Joseph et al.** / etc.; Halford & Co, Level 7, 1 Market 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)⁷ F23N

(11) WO 2004/088205 (13) A2

(21) PCT/EP2004/050319

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) SV2003A000013 31 Mar/mar 2003 IT
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PLUG FOR CONNECTION OF A THER-
MOCOUPLE TO A MAGNET ASSEM-
BLY OF A GAS VALVE FOR GAS
FLOW CONTROL IN A BURNER

• DISPOSITIF D'ENFICHAGE POUR
CONNECTER UN THERMOCOUPLE
A UN ENSEMBLE AIMANT D'UNE
SOUPAPE DE GAZ DESTINEE A RE-
GULER UN DEBIT GAZEUX DANS
UN BRULEUR

(71) CAST S.R.L [IT/IT]; Via Baccanello,
I-24030 Terno d'Isola (IT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OFFREDI, Giorgio [IT/IT]; Via
Saideno, 17, I-20100 Galbiate (IT).

(74) KARAGHIOSOFF, Alessandro Giorgio;
Studio Karaghiosoff e Frizzi S.a.s., via Peco-
rile 25, I-17015 Celle Ligure (SV) (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)⁷ F23N 1/00, F16K 1/44

(11) WO 2004/088206 (13) A1

(21) PCT/IT2003/000197

(22) 2 Apr/avr 2003 (02.04.2003)

(25) it (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A VALVE UNIT FOR CONTROLLING
THE DELIVERY OF A COMBUSTIBLE
GAS

• VANNE DE REGULATION
D'ALIMENTATION EN GAZ
COMBUSTIBLE

(71) SIT LA PRECISA S.P.A. [IT/IT]; Viale
Dell'industria, 31-33, I-35129 Padova (IT).

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

(72, 75) ZULIAN, Lorenzo [IT/IT]; Vicolo
Trentin, 13, I-30030 Fossò (IT). BEN-
VENUTO, Michele [IT/IT]; Via P. Paruta,
52, I-30172 Mestre (IT).

(74) CANTALUPPI, Stefano et al. / etc.; Can-
taluppi & Partners S.r.l., Via Matteotti, 26,
I-35137 Padova (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 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 :

(r) 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 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)⁷ F24C 3/02, 15/00, 15/10

(11) WO 2004/088207 (13) A1

(21) PCT/PL2003/000090

(22) 8 Sep/sep 2003 (08.09.2003)

(25) en (26) en

(30) P- 359437 31 Mar/mar 2003 PL
(31.03.2003)

(30) P- 359766 18 Apr/avr 2003 PL
(18.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEATING COOKER HOB WITH GAS
BURNERS

• PLAQUE DE CUISSON AVEC BRU-
LEURS A GAZ

(71, 72) SZYLING, Stanislaw [PL/PL]; Os.
Różane 1 D/3, 58-200 Dzierżonów (PL).

(74) KACZMARCZYK, Jan; ul. Powroźnicza
20, 04-466 Warszawa (PL).

(81) AT AU BG BR CA CH CN CZ DE DK EE
ES FI GB HU IL IN JP KR LT LV NO PT RU
SE SK TR UA US 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).

Published / Publiée : (a)

(51)⁷ F24C 14/00, A47L 15/00

(11) WO 2004/088208 (13) A1

(21) PCT/BR2004/000049

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) PI 0300856-8 3 Apr/avr 2003 BR
(03.04.2003)

(30) PI 0304574-9 6 Oct/oct 2003 BR
(06.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A KITCHEN-RANGE, AN OVEN AND
A SELF-CLEANING ASSEMBLY

• CUISINIERE, FOUR ET ENSEMBLE
AUTONETTOYANT

(71, 72) DE MIRANDA GRIECO, Antônio,
Augusto [BR/BR]; Rua dos Franceses,
174/161 B, Bela Vista, 01329-010 São Paulo
- SP (BR).

(74) DANNEMANN, SIEMSEN, BIGLER &
IPANEMA MOREIRA; Caixa Postal 2142,
Rua Marquês de Olinda, 70, 22251-040 Rio
de Janeiro - RJ (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).

(51)⁷ F24F 5/00, 13/00, F25B 1/00, 41/00

(11) WO 2004/088209 (13) A1

(21) PCT/AU2004/000411

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003901551 3 Apr/avr 2003 AU
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEANS AND METHOD OF PROVID-
ING LOCALISED COOLING

• MOYENS ET PROCEDE POUR FOUR-
NIR UN REFROIDISSEMENT LOCA-
LISE

(71) AIR-AROZ PTY LTD [AU/AU]; Suite 6,
209 Toorak Road, South Yarra, VIC 3141
(AU).

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

(72, 75) FARRUGIA, Anthony [AU/AU]; 6
White Lodge Court, Donvale, VIC 3111
(AU). AL RAIS, Ali [AE/AE]; Villa #26, Al
Hudeiba, Dubai (AE). LIPOVETSKY, Yana
[AU/AU]; 14 Park Road, Mt Waverley, VIC
3149 (AU).

(74) WATERMARK PATENT & TRADE-
MARK ATTORNEYS; 290 Burwood Road,
Hawthorn, VIC 3122 (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)⁷ F24F 5/00

(11) WO 2004/088210 (13) A1

(21) PCT/JP2004/004426

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-096748 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OUTDOOR UNIT FOR AIR CONDI-
TIONER

• UNITE D'EXTERIEUR POUR CLIMA-
TISEUR

(71) TOSHIBA CARRIER CORPORATION
[JP/JP]; 1-1, Shibaura 1-Chome, Minato-Ku,
Tokyo, 1050023 (JP).

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

(72, 75) ISHIJIMA, Mitsuyoshi TAKEUCHI,
Akihiro

(74) HATANO, Hisashi et al. / etc.; Tokyo In-
ternational Patent Firm 2nd Floor, Miyata
Building 17-16, 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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

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

(51)⁷ F24F 6/02

(11) WO 2004/088211 (13) A1

(21) PCT/MX2004/000004

(22) 6 Feb/fév 2004 (06.02.2004)

(25) es (26) es

(30) JL/a/2003/000009 4 Apr/avr 2003 MX
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVEMENTS TO AN AIR HUMID-
IFIER

• AMELIORATIONS APPORTEES A UN
HUMIDIFICATEUR D'AIR

(71, 72) MACHUCA AGUIRRE, Everardo,
Lamberto [MX/MX]; La Perpetua #1688,
Col Jardines del Country, C.P. 44210
Guadalajara, Jalisco (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 PT 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)⁷ F24H 11/02

(11) WO 2004/088212 (13) A1

(21) PCT/JP2004/004207

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-092461 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AIR CONDITIONER

• CONDITIONNEUR D'AIR

(71) TOSHIBA CARRIER CORPORATION
[JP/JP]; 1-1, Shibaura 1-chome, Minato-ku,
Tokyo, 1058001 (JP).

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

(72, 75) YAMAMOTO, Toshihiro
[JP/JP] CHUMA, Yoshihiro [JP/JP] YA-
MANE, Hiromasa [JP/JP] UENO, Kiyotaka
[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)⁷ F24H 3/12

(11) WO 2004/088213 (13) A1

(21) PCT/CA2004/000497

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2,424,474 3 Apr/avr 2003 CA
(03.04.2003)

(30) 2,458,248 18 Feb/fév 2004 CA
(18.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEATING SYSTEM

• SYSTEME DE CHAUFFAGE

(71) LACELLE, Jocelyne, Fournier [CA/CA];
47 Serigan Street, Gatineau, Québec J8V
3R9ca (CA).

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

(72, 75) LACELLE, Jean-Guy [CA/CA]; 47
Serigan Street, Gatineau, Québec J8V 3R9
(CA).

(74) WRAY, David; R. William Wray & Asso-
ciates, 31-151 Slater Street, Ottawa, Ontario
K1P 5H3 (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 : (c)

(51)⁷ F24H 3/12, F24C 1/14, H05B 3/00, F24D
3/14, 13/02

(11) WO 2004/088214 (13) A1

(21) PCT/EP2004/003352

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 203 05 135.1 31 Mar/mar 2003 DE
(31.03.2003)

(30) 203 19 901.4 19 Dec/déc 2003 DE
(19.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADIATION HEATING

• CHAUFFAGE RAYONNANT

(71) NEW TECHNICS GMBH [DE/DE]; Am
Eisenwerk 5, 01968 Senftenberg (DE).

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

(72, 75) WIESKE, Frank [DE/DE]; Am Eisen-
werk 5, 01968 Senftenberg (DE).

(74) HASCHICK, Gerald; Neustädter Strasse
17, 03046 Cottbus (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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F24J 2/13

(11) WO 2004/088215 (13) A1

(21) PCT/KR2004/000730

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ko (26) en

(30) 20-2003-0010926 4 Apr/avr 2003 KR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A CAP OF COLLECTOR PIPE FOR A
COLLECTING SUN LIGHT FOR VAC-
UUM LIGHT COLLECTION• COUVERCLE D'UN CONDUIT DE
CAPTEUR POUR CAPTAGE SOUS
VIDE DE LUMIERE SOLAIRE(71, 72) JANG, Jong-Yoon [KR/KR]; 304,
Songlimhometown, 72-9 Deoksan-Dong,
Jinhae-City, Gyeongsangnam-Do 645-310
(KR). JANG, Jong-Oh [KR/KR]; 304,
Songlimhometown, 72-9 Deoksan-Dong,
Jinhae-City, Gyeongsangnam-Do 645-310
(KR). JANG, Yoon-Jeong [KR/KR]; 304,
Songlimhometown, 72-9 Deoksan-Dong,
Jinhae-City, Gyeongsangnam-Do 645-310
(KR).(74) YOON, Eui-Sang; 2F, S & B Business
Support Center 1508-1, Kakyung-Dong, He-
ungdeok-Gu, Cheongju-City, Chungcheong-
buk-Do 361-802 (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)⁷ F25B 9/00, H04B 1/08

(11) WO 2004/088216 (13) A1

(21) PCT/JP2003/004028

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COOLER FOR LOW-TEMPERATURE
OPERATING ARTICLE• REFROIDISSEUR POUR UN ARTICLE
FONCTIONNANT A BASSE TEMPE-
RATURE(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) YAMANAKA, Kazunori [JP/JP]; C/O
FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP). NAKANISHI, Teru
[JP/JP]; C/O FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).(74) ISHIDA, Takashi et al. / etc.; A. AOKI,
ISHIDA & ASSOCIATES, Toranomon 37Mori Bldg., 5-1, Toranomon 3-chome, Mi-
nato-ku, Tokyo 105-8423 (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 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)⁷ F25B 9/00

(11) WO 2004/088217 (13) A1

(21) PCT/JP2004/004253

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-091376 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PULSE TUBE REFRIGERATOR

• REFRIGERATEUR A TUBE PULSE

(71) JAPAN AEROSPACE EXPLORATION
AGENCY [JP/JP]; 44-1, Jindaiji-Hi-
gashimachi 7-chome, Chofu-shi, Tokyo
1820012 (JP). 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) MATSUBARA, Yoichi [JP/JP]; c/o
Nihon University, 8-24, Kudan-Minami
4-chome, Chiyoda-ku, Tokyo 1028275 (JP).
SUGITA, Hiroyuki [JP/JP]; c/o Japan
Aerospace Exploration Agency, 1-1, Sen-
gen 2-chome, Tsukuba-shi, Ibaraki 3050047
(JP). KUSHINO, Akihiro [JP/JP]; c/o Japan
Aerospace Exploration Agency, 1-1, Sengen
2-chome, Tsukuba-shi, Ibaraki 3050047 (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).(51)⁷ F25B 9/00

(11) WO 2004/088218 (13) A1

(21) PCT/US2004/009294

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,619 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THERMOACOUSTIC COOLING DE-
VICE• DISPOSITIF DE REFROIDISSEMENT
THERMOACOUSTIQUE(71) UTAH STATE UNIVERSITY [US/US];
570 East Research Park Way, Suite 101,
North Logan, UT 84341 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SMITH, Barton, L. [US/US]; 1252
Cedar Heights, Logan, UT 84341 (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 PL PT RO 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)⁷ F25B 29/00

(11) WO 2004/088219 (13) A1

(21) PCT/KR2004/000720

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ko (26) en

(30) 10-2003-0020251 31 Mar/mar 2003 KR
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVEMENT SYSTEM OF EN-
ERGY EFFICINCY FOR REFRIGERA-
TION CYCLE• SYSTEME AMELIORANT
L'EFFICACITE ENERGETIQUE D'UN
CYCLE DE REFRIGERATION(71, 72) HAN, Myung-Bum [KR/KR]; 124-7
Songnim 2-dong, Dong-gu, Incheon 401-072
(KR).(74) KIM, Kuk-Jin; 3rd Fl., Hansong Bldg.,
1178, Gwulol 1-dong, Namdong-gu, Incheon
405-835 (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)⁷ F25C 1/14

(11) WO 2004/088220 (13) A1

(21) PCT/US2004/008793

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/397,255 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REFRIGERATION SYSTEM AND
METHOD FOR BEVERAGE DIS-
PENSER

• SYSTEME ET PROCEDE DE REFRI-
GERATION POUR DISTRIBUTEUR DE
BOISSON

(71) THE COCA-COLA COMPANY [US/US];
One Coca-Cola Plaza, Atlanta, GA 30313
(US).

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

(72, 75) FRANK, Doug [US/US]; 1361 Mer-
rifield Lane, Marietta, GA 30062 (US).
SIMMONS, Darren, Wayne [US/US]; 404
Abrell Woods Court, Peachtree City, GA
30269 (US). PECK, Daniel, J. [US/US];
180 Ram Drive, Covington, GA 30014 (US).
STATEN, Richard, Carroll [US/US]; 619
Devon Brooke Drive, Woodstock, GA 30188
(US).

(74) GARRETT, Arthur, S. et al. / etc.;
Finnegan, Henderson, Farabow, Garrett,
& Dunner, L.L.P., 1300 I Street, NW, Wash-
ington, 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)⁷ F25D 21/02

(11) WO 2004/088221 (13) A1

(21) PCT/EP2004/003607

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 103 15 523.6 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REFRIGERATION DEVICE WITH
ADAPTIVE AUTOMATIC DEFROST-
ING AND CORRESPONDING DE-
FROSTING METHOD

• APPAREIL FRIGORIFIQUE A DEGI-
VRAGE AUTOMATIQUE ADAPTATIF
ET PROCEDE DE DEGIVRAGE DUDIT
APPAREIL

(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) MANETTAS, Ilias [GR/GR]; Dimit-
sanas 5, GR-188 63 Perama/Pireus (GR).
STRAUSS, Georg [DE/DE]; Steigstr. 107/4,
89537 Giengen (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)⁷ F25D 21/06, 21/02

(11) WO 2004/088222 (13) A1

(21) PCT/EP2004/003609

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 103 15 524.4 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REFRIGERATION DEVICE AND OP-
ERATING METHOD FOR THE SAME
• APPAREIL FRIGORIFIQUE ET PRO-
CEDE DE FONCTIONNEMENT DUDIT
APPAREIL

(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) MANETTAS, Ilias [GR/GR]; Dimit-
sanas 5, GR-18863 Perama/Pireus (GR).
STRAUSS, Georg [DE/DE]; Steigstr. 107/4,
89537 Giengen (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).

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 KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL PT 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)⁷ F25D 21/08

(11) WO 2004/088223 (13) A1

(21) PCT/EP2004/003608

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 103 15 522.8 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR POWER REGULATION
OF A DEFROSTER HEATER AND
REFRIGERATION DEVICE WITH IN-
TEGRATED DEFROSTER HEATING

• PROCEDE POUR REGULER LA PUIS-
SANCE D'UNE RESISTANCE DE DEGI-
VRAGE ET APPAREIL FRIGORIQUE A
RESISTANCE DE DEGIVRAGE INTE-
GREE

(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) MANETTAS, Ilias [GR/GR]; Dimit-
sanas 5, GR-18863 Perama/Pireus (GR).
STRAUSS, Georg [DE/DE]; Steigstr. 107/4,
89537 Giengen (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)⁷ F25D 23/00

(11) WO 2004/088224 (13) A1

(21) PCT/KR2004/000731

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ko (26) en

(30) 10-2003-0020889 2 Apr/avr 2003 KR (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANTIBIOTIC METHOD FOR PARTS OF REFRIGERATOR USING ANTIBIOTIC SUBSTANCE

• METHODE DE TRAITEMENT ANTI-BIOTIQUE D'UN REFRIGERATEUR

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-Dong, Youngdungpo-Gu, Seoul City 150-721 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Hyun-Kyo [KR/KR]; 8-1302, Jurye Lucky Apartment, Jurye 3-dong, Sasang-gu, Busan City 617-763 (KR).

(74) WOORIN PATENT FIRM; 2nd Floor, Shinwon Bldg., 823-14 Yeoksam-dong, Kangnam-gu, Seoul City 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)⁷ F25J

(11) WO 2004/088225 (13) A2

(21) PCT/US2004/008779

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/458,005 27 Mar/mar 2003 US (27.03.2003)

(30) 10/805,982 22 Mar/mar 2004 US (22.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTEGRATED PROCESSING OF NATURAL GAS INTO LIQUID PRODUCTS
• TRAITEMENT INTEGRE DE GAZ NATUREL DANS DES PRODUITS LIQUIDES

(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) FISCHER-CALDERON, Ernesto; 4127 Palmer Plantation Drive, Missouri City, TX 77459-4263 (US). BRISCOE, Michael, D.; 22706 Bloomridge Circle, Katy, TX 77450 (US). GRADASSI, Michael, J.; 5618 Summer Snow Drive, Houston, TX 77041 (US). SAWCHUK, Jeffrey, H.; 24718 Fernglen, Katy, TX 77497 (US). FLEISCH, Theo, H.; 13534 Grand Masterpiece Lane, Houston, TX 77041 (US).

(74) WOOD, John, L.; BP America Inc., 4101 Winfield Road, 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).

(51)⁷ F25J

(11) WO 2004/088226 (13) A2

(21) PCT/US2004/008937

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/402,498 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GAS AGITATED MULTIPHASE CATALYTIC REACTOR WITH REDUCED BACKMIXING

• REACTEUR CATALYTIQUE MULTIPHASE AGITE PAR GAZ AVEC REDUCTION DU MELANGE A CONTRE-COURANT

(71) CONOCOPHILLIPS COMPANY [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).

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

(72, 75) JIANG, Yi [CN/US]; 2124 Huntington Place, Ponca City, OK 74604 (US). ZHANG, Jianping [CN/US]; 2029 Lemon Tree Lane, Ponca City, OK 74604 (US). ESPINOZA, Rafael, L. [PE/US]; 1469 N. Prentice Rd., Ponca City, OK 74604 (US). WRIGHT, Harold, A. [US/US]; 316 Warwick Road, Ponca City, OK 74601 (US).

(74) WESTPHAL, David, W.; ConocoPhillips Company, P.O. Box 1267, Ponca City, OK 74602-1267 (US).

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

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

(51)⁷ F25J

(11) WO 2004/088227 (13) A2

(21) PCT/US2004/008938

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/458,818 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS AND APPARATUS FOR CONTROLLING FLOW IN A MULTIPHASE REACTOR

• PROCEDE ET APPAREIL DE REGULATION D'ECOULEMENT DANS UN REACTEUR MULTIPHASE

(71) CONOCOPHILLIPS COMPANY [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).

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

(72, 75) JIANG, Yi [CN/US]; 2124 Huntington Place, Ponca City, OK 74604 (US). ZHANG, Jianping [CN/US]; 2029 Lemon Tree, Ponca City, OK 74604 (US). ESPINOZA, Rafael, L. [PE/US]; 1469 Prentice Road, Ponca City, OK 74604 (US).

(74) WESTPHAL, David, W.; ConocoPhillips Company, P.O. Box 1267, Ponca City, OK 74602-1267 (US).

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

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

(51)⁷ F25J 3/04

(11) WO 2004/088228 (13) A2

(21) PCT/GB2004/001343

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307404.4 **31 Mar/mar 2003** GB
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS FOR CRYOGENIC AIR DISTILLATION
• APPAREIL DE DISTILLATION D'AIR CRYOGENIQUE

(71) AIR PRODUCTS AND CHEMICALS, INC. [US/US]; 7201 Hamilton Boulevard, Allentown, PA 18195-1501 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GIBBON, Stephen, John [GB/GB]; 16 Fur Tree Road, Banstead, Surrey SM7 1NG (GB).

(74) BURFORD, Anthony, F.; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (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)⁷ F26B 13/28, D21F 3/02

(11) WO 2004/088229 (13) A1

(21) PCT/IT2003/000192

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A PRESS APPARATUS FOR REMOVING WATER FROM A WEB
• PRESSE CONCUE POUR RETIRER DE L'EAU D'UNE BANDE

(71) PMT ITALIA S.P.A. [IT/IT]; Via Martiri del XXI, 76, I-10064 Pinerolo (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TORNELLO, Fabrizio [IT/IT]; c/o Pmt Italia S.p.A., Via Martiri del XXI, 76, I-10064 Pinerolo (IT).

(74) LEONE, Mario et al. / etc.; Società Italiana Brevetti S.p.A., Piazza di Pietra, 39, I-00186 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 ES FI GB GD GE GH GM HR HU ID 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)⁷ F27B

(11) WO 2004/088230 (13) A2

(21) PCT/US2004/009898

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,657 **28 Mar/mar 2003** US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ETHANOL DISTILLATION WITH DISTILLERS SOLUBLE SOLIDS RECOVERY APPARATUS

• DISTILLATION D'ETHANOL AU MOYEN D'UN APPAREIL DE REGENERATION DE SOLIDES SOLUBLES D'ALAMBICS

(71) THERMAL KINETICS SYSTEMS, LLC [US/US]; 667 Tift Street, Buffalo, NY 14220 (US).

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

(72, 75) BROWN, Christopher, J. [US/US]; 64 Mt. Vernon Road, Amherst, NY 14223 (US).

(74) BLANK, Christopher, E.; 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).

(51)⁷ F28C

(11) WO 2004/088231 (13) A2

(21) PCT/US2004/004307

(22) 12 Feb/fév 2004 (12.02.2004)

(25) en (26) en

(30) 10/365,020 **12 Feb/fév 2003** US
(12.02.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEAT EXCHANGER FOR HIGH PURITY AND CORROSIVE FLUIDS

• ECHANGEUR THERMIQUE DESTINE A DES FLUIDES TRES PURS ET CORROSIFS

(71) APPLIED INTEGRATED SYSTEMS, INC. [US/US]; 885 Dolphin Drive, Danville, CA 94526 (US).

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

(72, 75) ABRAS, Alexei, D. [US/US]; 337 Chirs Common, Apt. 107, Livermore, CA 94550 (US).

(74) HENNEMAN, Larry, E., Jr.; Henneman & Saunders, 714 W. Michigan Ave., Three Rivers, MI 49093 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ F28D

(11) WO 2004/088232 (13) A2

(21) PCT/US2004/010206

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,893 **1 Apr/avr 2003** US
(01.04.2003)

(30) 10/816,236 **31 Mar/mar 2004** US
(31.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR PRESSURIZING A GAS

• PROCEDE ET APPAREIL DE MISE SOUS PRESSION D'UN GAZ

(71, 72) GRENFELL, Conrad, Q. [US/US]; 1222 Longledge Drive, Taylor Lake Village, TX 77586 (US).

(74) GATHY, Andrew, D.; Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

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

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

(51)⁷ F28D

(11) WO 2004/088233 (13) A2

(21) PCT/US2004/009440

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,691 **26 Mar/mar 2003** US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THERMAL SURGICAL PROCEDURES AND COMPOSITIONS

• INTERVENTIONS CHIRURGICALES THERMIQUES ET COMPOSITIONS ASSOCIEES

(71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, MN 55455 (US).

(74) **RAASCH, Kevin, W.**; Muetting, Raasch, Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).

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

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

(51)⁷ **F28F**

(11) **WO 2004/088234** (13) A2

(21) PCT/EP2004/003016

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) de (26) de

(30) 103 15 371.3 **3 Apr/avr 2003 (03.04.2003)** DE

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **HEAT EXCHANGER**

• **ECHANGEUR DE CHALEUR**

(71) **BEHR GMBH & CO. KG** [DE/DE]; Mauserstrasse 3, 70469 Stuttgart (DE).

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

(72, 75) **FÖRSTER, Uwe** [DE/DE]; Heuting-sheimer Strasse 25, 71634 Ludwigsburg (DE). **MOLT, Kurt** [DE/DE]; Ruländerweg 23, 74321 Bietigheim-Bissingen (DE).

(74) **BEHR GMBH & CO. KG**; Intellectual Property, G-IP, Mauserstrasse 3, 70469 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).

Declaration / Déclaration :

(u) *for / pour US only / seulement*

(51)⁷ **F28G 9/00 // F28F 19/01, F23J 3/00, G06F 19/00**

(11) **WO 2004/088235** (13) A1

(21) PCT/FI2004/000190

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en

(30) 60/458,442 **31 Mar/mar 2003 (31.03.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **METHOD AND SYSTEM IN A HEAT EXCHANGE SYSTEM AND METHODS FOR AIR/FUEL CONTROL AND FOR SOOT CLEANING OPTIMIZATION**

• **PROCEDE ET SYSTEME POUR UNITE D'ECHANGE THERMIQUE ET PROCEDES DE CONTROLE AIR/COMBUSTIBLE ET D'OPTIMISATION DE NETTOYAGE DE SUIE**

(71) **TR-TECH INT. OY** [FI/FI]; Linnankatu 64 A, FI-20100 Turku (FI).

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

(72, 75) **ROSIN, Tomas** [FI/FI]; Läntinen Rantakatu 65 C 31, FI-20100 Turku (FI).

(74) **TURUN PATENTTITOIMISTO OY**; P.O. Box 99, FI-20521 Turku (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)⁷ **F41B 1/00, F41J 3/00, A63B 63/00, 71/02**

(11) **WO 2004/088236** (13) A1

(21) PCT/KR2003/001019

(22) **23 May/mai 2003 (23.05.2003)**

(25) ko (26) en

(30) 10-2003-0021257 **4 Apr/avr 2003 (04.04.2003)** KR

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **A SUCKER WITH AN ANNULAR PROJECTION ON ADHESION SURFACE AND ADHESION ARROW HAVING THE SUCKER**

• **VENTOUSE PRESENTANT UNE SAILLIE ANNULAIRE SUR SA SURFACE D'ADHERENCE ET FLECHETTE ADHESIVE COMPORTANT CETTE VENTOUSE**

(71, 72) **YANG, Tae-Seong** [KR/KR]; 104-1103, Daewon A.P.T., 30, Won-dong, Osan-si, Gyeonggi-do, Osan 447-734 (KR).

(74) **CHO, Han-Yong**; DS Patent Intellectual Property Group of Dasan, Bubjun Bldg #205, 81-6, Wonchun-dong, Paldal-gu, Suwon-si, Gyeonggi-do, Suwon 442-821 (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.

(26) en

(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)⁷ **F41G 7/22**

(11) **WO 2004/088237** (13) A1

(21) PCT/EP2004/002956

(22) **20 Mar/mar 2004 (20.03.2004)**

(25) de (26) de

(30) 103 13 136.1 **29 Mar/mar 2003 (29.03.2003)** DE

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **SEEKER HEAD COMPRISING A PITCHING/YAWING INTERNAL CARDANIC SYSTEM**

• **AUTODIRECTEUR DOTE D'UN SYSTEME DE CARDANS INTERNE DE TANGAGE ET DE LACET**

(71) **BODENSEEWERK GERÄTETECHNIK GMBH** [DE/DE]; Alte Nussdorfer Strasse 13, 88662 Überlingen (DE).

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

(72, 75) **KEMPAS, Hagen** [DE/DE]; Theodor-Lackmann-Strasse 47, 88662 Überlingen (DE).

(74) **DIEHL STIFTUNG & CO.**; Diehl Patentabteilung, Stephanstrasse 49, 90478 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).

(51)⁷ **F41H 5/04, 7/04**

(11) **WO 2004/088238** (13) A1

(21) PCT/EP2004/003395

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) de (26) de

(30) 03 007 323.3 **1 Apr/avr 2003 (01.04.2003)** EP

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • **ANTI-MINE ARRANGEMENT**

• **DISPOSITIF ANTIMINE**

(71) **GEKE TECHNOLOGIE GMBH** [DE/DE]; Erasmusstr. 16, 79098 Freiburg (DE).

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(72, 75) **KELLNER, Gerd** [DE/DE]; Dr.-Helmut-Junghans-Str. 49/1, 78713 Schramberg (DE).

(74) SÖLTENFUSS, Dirk, C.; Patentanwalt-skanzlei Sölteffuss, Zweibrückenstr. 6, 80331 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)⁷ F42D 1/18

(11) WO 2004/088239 (13) A1

(21) PCT/ZA2004/000038

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003/2571 3 Apr/avr 2003 ZA (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • EXPLOSION CONTAINER
• CONTENANT D'EXPLOSION

(71, 72) STÖCKL, Robert, John [ZA/ZA]; 25 Homestead Road, Rivonia, 2028 Johannesburg (ZA). TURVEY, Christopher, Richard [ZA/ZA]; 16A Springhill Road, Moodichill Morningside Sandton, 2057 Johannesburg (ZA).

(74) GALGUT, John; Patent Department, Galgut & Galgut, P O Box 633, Parklands, 2121 Johannesburg (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).

Published / Publiée : (c)

(51)⁷ F42D 5/045, E04H 9/10

(11) WO 2004/088240 (13) A1

(21) PCT/GB2004/001429

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307798.9 4 Apr/avr 2003 GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPACT ABSORBING STRUCTURE
• STRUCTURE ABSORBANT LES CHOCES

(71) CINTEC INTERNATIONAL LIMITED [GB/GB]; Cintec House, 11 Gold Tops, Newport, South Wales NP20 4PH (GB).

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(72, 75) JAMES, Peter [GB/GB]; 2 Redd Land, Shirenewton, Chepstow, Gwent NP6 6QP (GB).

(74) HALSTEAD, Richard, Ralph; Wynne-Jones, Laine & James, Morgan Arcade Chambers, 33 St. Mary's Street, Cardiff CF10 1AF (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)⁷ G01B

(11) WO 2004/088241 (13) A2

(21) PCT/US2004/008512

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/458,111 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR IMAGING INTERNAL STRUCTURES OF TRANSPARENT AND TRANSLUCENT MATERIALS

• PROCEDE ET APPAREIL PERMETTANT D'IMAGER DES STRUCTURES INTERNES DE MATERIAUX TRANSPARENTS ET TRANSLUCIDES

(71) SOUTHWEST SCIENCES INCORPORATED [US/US]; 1570 Pacheco Street, Suite E-11, Santa Fe, NM 87505 (US).

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(72, 75) KANE, Daniel, J. [US/US]; 2659 Via Berrenda, Santa Fe, NM 87505 (US). VAKHTIN, Andrei, B. [RU/RU]; 10 Short Drive, Los Alamos, NM 87544 (US). PETERSON, Kristen, A. [US/US]; 215 Sereno Drive, Santa Fe, NM 87501 (US).

(74) MYERS, Jeffrey, D.; 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01B 3/12, G01C 22/00

(11) WO 2004/088242 (13) A1

(21) PCT/GB2004/001430

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307530.6 1 Apr/avr 2003 GB (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISTANCE MEASURING APPARATUS WITH A MEASURING AND A BALANCING WHEEL

• APPAREIL DE MESURE DE DISTANCE DOTE D'UNE ROUE D'EQUILIBRAGE ET DE MESURE

(71) TRUMETER COMPANY LTD [GB/GB]; Milltown Street, Radcliffe, Manchester, Greater Manchester M26 1NX (GB).

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(72, 75) BOOKBINDER, Steve [GB/GB]; 3 The Parklands, Stoneclough, Radcliffe, Greater Manchester M26 1QB (GB). MCBRIDE, Paul [GB/GB]; 16 Rawcliffe Avenue, Brightmet, Bolton, Greater Manchester BL2 6JX (GB). CRANK, Peter [GB/GB]; 34 Churchill Drive, Little Lever, Bolton, Greater Manchester BL3 1PF (GB).

(74) HACKNEY, Nigel et al. / etc.; Mewburn Ellis LLP, York House, 23 Kingsway, 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).

(51)⁷ G01B 11/00, 11/24, 11/30, 21/20, 21/30

(11) WO 2004/088243 (13) A1

(21) PCT/EP2004/003545

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 03090091.4 3 Apr/avr 2003 EP (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR DETECTING, DETERMINING AND DOCUMENTING DAMAGE, ESPECIALLY DEFORMATIONS IN LACQUERED SURFACES CAUSED BY SUDDEN EVENTS

• PROCEDE ET DISPOSITIF PERMETTANT DE DETECTER, DETERMINER

ET DOCUMENTER DES DOMMAGES, NOTAMMENT DES DEFORMATIONS DUES A DES EVENEMENTS Soudains SUR DES SURFACES PEINTES

(71, 72) **PRISTNER, Erwin** [AT/DE]; Am Juliusturm 27, 13599 Berlin (DE).

(74) **HANNIG, Wolf-D.**; Cohausz Hannig Dawidowicz & Partner, Friedlander Strasse 37, 12489 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).

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(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ **G01C 9/06, 9/10, G03B 17/18, H04N 1/21**

(11) **WO 2004/088244** (13) A1

(21) PCT/DE2004/000630

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) de (26) de

(30) 103 14 655.5 **1 Apr/avr 2003** DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SENSOR DEVICE FOR A DIGITAL CAMERA, FOR CREATING PERPENDICULAR IMAGES

• DISPOSITIF DETECTEUR DESTINE A UNE CAMERA NUMERIQUE ET PERMETTANT DE PRODUIRE DES IMAGES VERTICALES

(71) **ASSFALG QUALITÄTSHYDRAULIK GMBH & CO. KG** [DE/DE]; Am Pfarrgarten 8, 89597 Unterwachingen (DE).

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

(72, 75) **ASSFALG, Bernd** [DE/DE]; Am Pfarrgarten 8, 89597 Unterwachingen (DE).

(74) **BENDER, Ernst, A.**; Bahnhofstrasse 29, 88400 Biberach (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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(u) for / pour US only / seulement

(51)⁷ **G01C 11/06, G03B 35/10**

(11) **WO 2004/088245** (13) A1

(21) PCT/US2004/009372

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 60/458,074 **27 Mar/mar 2003** US (27.03.2003)

(30) 60/529,964 **16 Dec/déc 2003** US (16.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF SOLVING THE CORRESPONDENCE PROBLEM IN CONVERTING STEREOPHOTOGRAMMETRY

• PROCEDE DE RESOLUTION DU PROBLEME DE CORRESPONDANCE DANS UNE STEREOPHOTOGRAMMETRIE CONVERGENTE

(71, 72) **ZANEN, Pieter O.** [US/US]; 209 W. Clinton Street, Apt. 1, 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).

Published / Publiée : (c)

(51)⁷ **G01C 19/56, G01P 9/04, H01L 41/12**

(11) **WO 2004/088246** (13) A1

(21) PCT/JP2004/003371

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) ja (26) ja

(30) 2003-094845 **31 Mar/mar 2003** JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GYRO SENSOR

• CAPTEUR GYROSCOPIQUE

(71) **TDK CORPORATION** [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).

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(72, 75) **MORI, Teruo** [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP). **CHAMURA, Toshio** [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **G01C 21/00**

(11) **WO 2004/088247** (13) A2

(21) PCT/FR2004/000732

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) fr (26) fr

(30) 03/03674 **25 Mar/mar 2003** FR (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR VISUAL POSITIONING

• Dispositif de positionnement à vue

(71, 72) **CHAS, Jean-Bernard** [FR/FR]; Villa des Haules BP 23, F-76790 Etréat (FR).

(74) **NEYRET, Daniel** et al. / etc.; Cabinet Lavoix, 2, Place d'Estienne d'Orves, F-75441 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).

(51)⁷ **G01C 21/30**

(11) **WO 2004/088248** (13) A1

(21) PCT/SG2004/000068

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) PI 20031231 **2 Apr/avr 2003** MY (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIGITAL MAP DISPLAY

• AFFICHAGE D'UNE CARTE NUMERIQUE

(71) **WONG, Lai Wan** [MY/SG]; Block 206, Toa Payoh North, Singapore 310206 (SG). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **CHUA, Beng San** [MY/MY]; 7 Jalan Suria 3, Johor Bahru 81100 (MY).

(74) ALBAN TAY MAHTANI & DE SILVA; 39 Robinson Road, #07-01 Robinson Point, Singapore 068911 (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01C 23/00

(11) WO 2004/088249 (13) A2

(21) PCT/US2004/009159

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/400,941 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GRAPHICAL DISPLAY FOR AIRCRAFT NAVIGATION
• AFFICHAGE GRAPHIQUE POUR NAVIGATION AERIENNE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
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(72) SELK II, Louis, G.; 1910 E. Hillery Drive, Phoenix, AZ 85022 (US). FRAZIER, Thomas, G.; 5233 E. Angela Drive, Scottsdale, AZ 85254 (US).

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

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

(51)⁷ G01D 5/245

(11) WO 2004/088250 (13) A1

(21) PCT/IN2003/000415

(22) 30 Dec/déc 2003 (30.12.2003)

(25) en (26) en

(30) 10/403,990 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN OPTO-ELECTRONIC DEVICE FOR ANGLE GENERATION OF ULTRASONIC PROBE
• DISPOSITIF OPTOELECTRONIQUE POUR LA GENERATION D'ANGLES DE SONDE ULTRASONORE

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, 110 001 New Delhi (IN).
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(72, 75) AHLUWALIA, Surjit, Singh [IN/IN]; Central Scientific Instruments Organisation, Sector 30, 160 020 Chandigarh (IN).

(74) GABRIEL, Devadoss, Calab et al. / etc.; K & S Partners, 84-C, C-6 Lane, Off Central Avenue, Sainik Farms, 110 062 New Delhi (IN).

(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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ G01D 11/28, 13/28, G12B 11/04, B60K 35/00

(11) WO 2004/088251 (13) A1

(21) PCT/JP2003/016407

(22) 19 Dec/déc 2003 (19.12.2003)

(25) ja (26) ja

(30) 2003-089447 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POINTER LIGHTING DEVICE
• DISPOSITIF D'ECLAIRAGE D'AIGUILLE

(71) NIPPON SEIKI CO., LTD. [JP/JP]; 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP).
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(72, 75) SHOJI, Naoji [JP/JP]; c/o Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP). OBATA, Masato [JP/JP]; c/o Nippon Seiki Co., Ltd., 2-34, Higashi-zaoh 2-chome, Nagaoka-shi, Niigata 940-8580 (JP).

(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).

(51)⁷ G01F

(11) WO 2004/088252 (13) A2

(21) PCT/EP2004/003403

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 14 916.3 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR DETERMINATION AND/OR MONITORING OF THE VOLUMETRIC AND/OR MASS FLOW OF A MEDIUM
• DISPOSITIF PERMETTANT DE DETERMINER ET/OU DE SURVEILLER LE DEBIT VOLUMETRIQUE ET/OU MASSIQUE D'UN MILIEU

(71) ENDRESS + HAUSER FLOWTEC AG [CH/CH]; Kägenstrasse 7, CH-4153 Reinach (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIEST, Achim [DE/DE]; Kirchstrasse 8/1, 79576 Weil am Rhein (DE). STRUNZ, Torsten [DE/CH]; Hebelstrasse 126, CH-4056 Basel (CH). BERGER, Andreas [CH/CH]; Parkstrasse 53, CH-4106 Therwil (CH).

(74) ANDRES, Angelika; 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).

(51)⁷ G01F

(11) WO 2004/088253 (13) A2

(21) PCT/EP2004/003405

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 10314922.8 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LEVEL MEASURING DEVICE OPERATING WITH ULTRASOUND
• APPAREIL DE MESURE DE NIVEAU PAR ULTRASONS

(71) ENDRESS+HAUSER GMBH+CO. KG [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).
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(72, 75) ECKERT, Manfred [DE/DE]; Freiburger Strasse 15/1, 79674 Todtnau (DE). FABER, Harald [DE/DE]; Belchenstrasse 4, 79539 Lörrach (DE). SPANKE, Dietmar [DE/DE]; Bannweg 3, 79585 Steinen (DE).

(74) ANDRES, Angelika; 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 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)⁷ G01F

(11) WO 2004/088254 (13) A2

(21) PCT/US2004/009226

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/402,225 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AIR CIRCULATION APPARATUS AND METHODS FOR PLETHYSMOGRAPHIC MEASUREMENT CHAMBERS

• APPAREIL ET METHODES DE CIRCULATION D'AIR POUR DES COMPARTEMENTS DE MESURE PLETHYSMOGRAPHIQUE

(71) LIFE MEASUREMENT, INC. [US/US]; 1850 Bates Avenue, Concord, CA 94520-5454 (US).

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

(72, 75) DEMPSTER, Philip, T. [US/US]; 1626 Deardorff Lane, Concord, CA 94519 (US). HOMER, Michael, V. [US/US]; 663 Alcatraz Avenue, Apartment #5, Oakland, CA 94609 (US). LOWE, Mark [US/US]; 353 Merrilee Place, Danville, CA 94526 (US). URLANDO, Alessandro [IT/US]; 2693 Marty Way, Sacramento, CA 95818 (US).

(74) ROWLAND, Mark, D. 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).

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)⁷ G01F 1/00

(11) WO 2004/088255 (13) A2

(21) PCT/IB2004/001012

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307616.3 2 Apr/avr 2003 GB (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CALORIMETRIC FLOW METER

• DEBITMETRE CALORIMETRIQUE

(71) MELEXIS NV [BE/BE]; Microelectronic Integrated Systems, Rozendaalstraat 12, B-8900 Leper (BE).

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

(72, 75) VAN DER WIEL, Appolonius, Jacobus [NL/BE]; De Robianostraat 21, B-3080 Teruren (BE).

(74) HILL, Richard.; Wilson Gunn Skerrett, Charles Street, 148/9 Great Charles Street, Birmingham B3 3HT (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)⁷ G01F 1/00

(11) WO 2004/088256 (13) A2

(21) PCT/US2004/009144

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/400,149 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLOW SENSOR SIGNAL CONVERSION

• CONVERSION DE SIGNAL DE CAPTEUR DE FLUX

(71) CELERITY GROUP, INC. [US/US]; 2805 Mission College Blvd., Santa Clara, CA 95054 (US).

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

(72, 75) WANG, Chiun [US/US]; 12266 Rose Street, Cerritos, CA 90703 (US). LULL, John, M. [US/US]; P.O. Box 667, Claremont, CA 91711-0667 (US). VALENTINE, William, S. [US/US]; 15402 Lorraine Way, Irvine, CA 92604 (US).

(74) SKRIVANEK, Robert, A., Jr.; Lowrie, Lando & Anastasi, LLP, 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)⁷ G01G 3/15, G01L 1/12, 5/12, H01L 41/12

(11) WO 2004/088257 (13) A1

(21) PCT/JP2004/003375

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-095184 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WEIGHT-MEASURING SENSOR

• CAPTEUR DE MESURE DE POIDS

(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) MORI, Teruo [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) MATSUYAMA, Keisuke et al. / etc.; Minami-Shinjuku Building, 10-12, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (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)⁷ G01G 9/16, H01L 41/12, 41/20

(11) WO 2004/088258 (13) A1

(21) PCT/JP2004/003235

(22) 11 Mar/mar 2004 (11.03.2004)

(25) ja (26) ja

(30) 2003-094688 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRESSURE SENSOR
• CAPTEUR DE PRESSION(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) MORI, Teruo [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).

(51)⁷ G01G 23/01

(11) WO 2004/088259 (13) A1

(21) PCT/EP2004/001996

(22) 27 Feb/fév 2004 (27.02.2004)

(25) de (26) de

(30) A528/2003 4 Apr/avr 2003 AT
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR CALIBRATING A WEIGHING DEVICE, ESPECIALLY A WEIGHING HOPPER
• PROCEDE ET DISPOSITIF POUR ETALONNER UN DISPOSITIF DE PESAGE, NOTAMMENT UNE TREMIE DE PESAGE(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) BEHAM, Karl-Heinz [AT/AT]; Winthalstrasse 28, A-3363 Hausmening (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01J 3/52

(11) WO 2004/088260 (13) A1

(21) PCT/IB2004/001171

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/406,924 4 Apr/avr 2003 US
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COLOR MANAGEMENT PROCESS
• PROCEDE DE GESTION DE COULEURS(71) CLARIANT INTERNATIONAL LTD [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AGARWAL, Niraj [IN/US]; 6906 Brachnell View Drive, Charlotte, NC 28269 (US). BYNUM, Douglas, A. [US/US]; 106 Wickford Lane, Mooresville, NC 28117 (US). SHERRILL, William, T. [US/US]; 1201 Gum Tree Lane, Charlotte, NC 28214 (US).

(74) DÜNNWALD, Dieter; Clariant International Ltd, Rothausstrasse 61, CH-4132 Muttenz 1 (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)⁷ G01K 1/08, 7/22, H01C 7/04

(11) WO 2004/088261 (13) A1

(21) PCT/JP2004/004163

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-89560 28 Mar/mar 2003 JP
(28.03.2003)(30) 2004-79630 19 Mar/mar 2004 JP
(19.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TEMPERATURE SENSOR
• CAPTEUR DE TEMPERATURE(71) NGK SPARK PLUG CO., LTD. [JP/JP]; 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HANZAWA, Go [JP/JP]; c/o NGK Spark Plug Co., Ltd., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP). NISHI, Masahiko [JP/JP]; c/o NGK Spark Plug Co., Ltd., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP). IWAYA, Masaki [JP/JP]; c/o NGK Spark Plug Co., Ltd., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (JP). CHOSOKABE, Takaaki [JP/JP]; c/o NGK Spark Plug Co., Ltd., 14-18, Takatsuji-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8525 (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)⁷ G01K 1/14

(11) WO 2004/088262 (13) A1

(21) PCT/EP2004/002783

(22) 18 Mar/mar 2004 (18.03.2004)

(25) de (26) de

(30) 103 14 246.0 29 Mar/mar 2003 DE
(29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR MEASURING TEMPERATURE IN A VERTICAL REACTOR
• DISPOSITIF POUR MESURER LA TEMPERATURE DANS UN REACTEUR VERTICAL(71) TELAB TECHNOLOGY GMBH [DE/DE]; Carl-Zeiss-Strasse 43, 47445 Moers (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUMME, Frank [DE/DE]; Krahenhöher Weg 21, 42659 Solingen (DE).

(74) MÜLLER, Enno 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)⁷ G01L 5/22, B60Q 1/44, B60T 7/04

(11) WO 2004/088263 (13) A1

(21) PCT/EP2004/003139

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 15 073.0 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR THE DETECTION OF AN ACTUATION FORCE OF A BRAKE PEDAL AND BRAKE SYSTEM

• DISPOSITIF POUR SAISIR LA FORCE D'ACTIONNEMENT D'UNE PEDALE DE FREIN ET SYSTEME DE FREINAGE

(71) LUCAS AUTOMOTIVE GMBH [DE/DE]; Carl-Spaeter-Strasse 8, 56070 Koblenz (DE).

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

(72, 75) OHLIG, Benedikt [DE/DE]; Im Pelzgraben 1, 56179 Vallendar (DE). GIERING, Wilfried [DE/DE]; Bahnstrasse 60, 56743 Mendig (DE).

(74) BEYER, Andreas; Wuesthoff & Wuesthoff, Schweigerstrasse 2, 81541 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)⁷ G01L 7/00

(11) WO 2004/088264 (13) A1

(21) PCT/IB2004/050389

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003/2622 3 Apr/avr 2003 ZA (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL DEVICE FOR MEASURING FLUID PRESSURE

• DISPOSITIF OPTIQUE DE MESURE DE LA PRESSION D'UN FLUIDE

(71) RAND AFRIKAANS UNIVERSITY [ZA/ZA]; Cnr. Kingsway & University Road, Auckland Park, 2006 Johannesburg (ZA).

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

(72, 75) SWART, Pieter Lodewikus [ZA/ZA]; 43 Drakens Avenue, Quellerina, 1709 Johannesburg (ZA). VAN BRAKEL, Adriaan [ZA/ZA]; 13 Surbiton Avenue, Auckland Park, 2092 Johannesburg (ZA). CHTCHERBAKOV, Anatoli Aleksandrovich [RU/ZA]; 77 Kessel Street, Fairland, 2195 Johannesburg (ZA). SHLYAGIN, Mikhail Gavrilovich [RU/MX]; Departamento de Optica, Fisica Aplicada, Chicese, Km. 107 Carretera Tijuana a Ensenada, Ensenada, Baja California, 22860 (MX).

(74) LE ROUX, Marius; D.M. Kisch Inc., P.O. Box 781218, 2146 Sandton (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)⁷ G01L 9/00, 19/06

(11) WO 2004/088265 (13) A1

(21) PCT/US2004/009600

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/401,910 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOW TCE FILL FLUID FOR BARRIER DIAPHRAGM PRESSURE SENSORS

• FLUIDE DE REMPLISSAGE A FAIBLE COEFFICIENT TCE DESTINE A DES CAPTEURS DE PRESSION A DIAPHRAGME-BARRIERE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) STRATTON, Thomas, G.; 3000 Sandy Hook Drive, Roseville, MN 55113 (US).

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

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

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(51)⁷ G01L 11/00, 9/00

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(22) 26 Mar/mar 2004 (26.03.2004)

(25) de (26) de

(30) 103 14 578.8 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HIGH-FREQUENCY RESONATOR FOR PRESSURE SENSORS

• RESONATEUR HAUTE FREQUENCE DESTINE A DES CAPTEURS DE PRESSION

(71) BOSCH REXROTH AG [DE/DE]; Heidehofstrasse 31, 70184 Stuttgart (DE).

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(72, 75) KRUSKA, Jochen [DE/DE]; Anton-Bruckner-Strasse 6, 71706 Markgröningen (DE).

(74) WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE; 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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(51)⁷ G01L 19/06

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(25) de (26) de

(30) 103 14 920.1 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRESSURE SENSOR WITH FLAME ARRESTOR

• CAPTEUR DE PRESSION A DISPOSITIF ANTIRETOUR DE FLAMME

(71) ENDRESS+HAUSER GMBH+CO. KG [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).

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(72, 75) LANGE, Jürgen [DE/DE]; Ulmenweg 8, 34246 Vellmar (DE). BECHER, Raimund [DE/DE]; Kirchhofener Strasse 10b, 79238 Ehrenkirchen (DE).

(74) ANDRES, Angelika; 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 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).

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(51)⁷ G01M 3/00

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(21) PCT/SE2004/000464

(22) 26 Mar/mar 2004 (26.03.2004)

(25) sv (26) en

(30) 0301002-2 4 Apr/avr 2003 SE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR DETERMINING EFFECTS SUFFERED BY A FLOW-CONTROLLED GASEOUS MEDIUM

• DISPOSITIF PERMETTANT DE DETERMINER L'INFLUENCE DE GAZ LIQUEFIES A ECOULEMENT CONTROLE

(71) SUNDQUIST METALL AB [SE/SE]; Filarevägen 4, S-703 75 Örebro (SE).

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(72, 75) GUSTAFSSON, Morgan [SE/CH]; Im Eichli 15, CH-6315 Oberägeri (CH).

(74) LAUTMANN, Kurt; Kurt Lautmanns Patentbyrå AB, Box 245, S-691 25 Karlskoga (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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(30) 0307528.0 1 Apr/avr 2003 GB (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DETECTION OF LEAKS IN HEAT EXCHANGERS

• DETECTION DE FUITES DANS DES ECHANGEURS THERMIQUES

(71) WESTERN TECHNICAL SERVICES INTERNATIONAL LIMITED [GB/GB]; Unit 3 - Condor Quay, East Quay, Bridgwater, Somerset TA6 4DB (GB).

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(72, 75) WERNER, Thomas [GB/GB]; Bluebridge Barn, Moxhill, Nr. Combwich, Somerset TA5 2PN (GB).

(74) HARRISON, Ivor, Stanley et al. / etc.; Withers & Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (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)⁷ G01M 17/00

(11) WO 2004/088270 (13) A2

(21) PCT/US2004/009158

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,275 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VEHICLE CRASH SIMULATOR WITH DYNAMIC MOTION SIMULATION

• SIMULATEUR DE COLLISION POUR VEHICULE AVEC SIMULATION DYNAMIQUE DE MOUVEMENTS

(71) MTS SYSTEMS CORPORATION [US/US]; 14000 Technology Drive, Eden Prairie, MN 55344-2290 (US).

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(72) SAARI, Byron, J.; ; 14000 Technology Drive, Eden Prairie, MN 55344-2290 (US). CAMPBELL, Craig, L.; ; 14000 Technology Drive, Eden Prairie, MN 55344-2290 (US). MILLER, Myron, F.; ; 14000 Technology Drive, Eden Prairie, MN 55344-2290 (US). LESKA, Paul, J.; ; 14000 Technology Drive, Eden Prairie, MN 55344-2290 (US). STRAND, Richard, C.; ; 14000 Technology Drive, Eden Prairie, MN 55344-2290 (US). BEARDEN, Richard, E.; ; 14000 Technology Drive, Eden Prairie, MN 55344-2290 (US).

(74) KVALE, Deirdre, M. et al. / etc.; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

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

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

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

(51)⁷ G01N

(11) WO 2004/088271 (13) A2

(21) PCT/US2003/034309

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 60/422,393 29 Oct/oct 2002 US (29.10.2002)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR INCREASING IONIZATION EFFICIENCY IN MASS SPECTROSCOPY

• PROCEDE PERMETTANT D'ACCROITRE L'EFFICACITE D'IONISATION EN SPECTROSCOPIE DE MASSE

(71) TARGET DISCOVERY, INC. [US/US]; 4015 Fabian Way, Palo Alto, CA 94303 (US).

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(72, 75) SCHNEIDER, Luke, V. [US/US]; One Johnson Pier, C-30, Half Moon Bay, CA 94019 (US).

(74) KEZER, William, B. 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 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)⁷ G01N

(11) WO 2004/088272 (13) A2

(21) PCT/US2004/008957

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,859 26 Mar/mar 2003 US (26.03.2003)

(30) 60/457,860 26 Mar/mar 2003 US (26.03.2003)

(30) 60/457,861 26 Mar/mar 2003 US (26.03.2003)

(30) 60/483,564 **28 Jun/juin 2003** US
(28.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHODS TO IDENTIFY BIOLOGICALLY ACTIVE AGENTS AND SYNERGISTIC COMBINATIONS
- PROCEDE D'IDENTIFICATION D'AGENTS BIOLOGIQUEMENT ACTIFS ET COMBINAISONS SYNERGIQUES

(71, 72) SCOTT, Ian, R. [GB/US]; 121 Deerpark Rd, Mahwah, NJ 07430 (US).

(74) ARONSON, Michael, P.; MP & G Aronson Inc., 2 Mandarin Lane, West Nyack, NY 10994 (US).

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

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

(51)⁷ G01N

(11) WO 2004/088273 (13) A2

(21) PCT/US2004/008991

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/249,313 **31 Mar/mar 2003** US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD OF MONITORING THE OPERATION OF GAS SENSOR AND SYSTEM THEREFOR

- PROCEDE DE SURVEILLANCE DU FONCTIONNEMENT D'UN CAPTEUR DE GAZ ET SYSTEME ASSOCIE

(71) PROTON ENERGY SYSTEMS, INC. [US/US]; 10 Technology Drive, Wallingford, CT 06492 (US).

(72) LILLIS, Mark; 667 Griffin Road, South Windsor, CT 06074 (US). NOMIKOS, Spyros; 212 Commonwealth Avenue, New Britain, CT 06053 (US). HALTER, Dean; 14 Foxridge Road, West Hartford, CT 06107 (US).

(74) PAMELA, Curbelo, J.; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).

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

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

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

(51)⁷ G01N

(11) WO 2004/088274 (13) A2

(21) PCT/US2004/009042

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,753 **26 Mar/mar 2003** US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PSYCHOACTIVE COMPOUND ASSOCIATED MARKERS AND METHOD OF USE THEREOF

- MARQUEURS ASSOCIES A UN COMPOSE PSYCHOACTIF ET LEUR PROCEDE D'UTILISATION

(63) US 60/457,753 (CIP)
26 Mar/mar 2003 (26.03.2003)

(71) CURAGEN CORPORATION [US/US]; 11th floor, 555 Long Wharf Drive, New Haven, CT 06511 (US).
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(72, 75) GUNTHER, Erik [US/US]; 34 Bryan Road, Branford, CT 06405 (US). STONE, David, J. [US/US]; 223 Whitehorn Drive, Guilford, CT 06437 (US). GERWIEN, Robert, W. [US/US]; 6 Montoya Circle, Branford, CT 06405 (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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G01N

(11) WO 2004/088275 (13) A2

(21) PCT/US2004/009064

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/401,224 **26 Mar/mar 2003** US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • IMPLANTABLE BIOSENSOR SYSTEM, APPARATUS AND METHOD

- BIOCAPTEUR IMPLANTABLE: SYSTEME, APPAREIL ET PROCEDE

(71) SORENSON MEDICAL, INC. [US/US]; 2511 South West Temple, Salt Lake City, UT 84115 (US).
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(72, 75) HITCHCOCK, Robert, W. [US/US]; 8577 S. Sixshooter Circle, Sandy, UT 84093 (US). SORENSON, James, L. [US/US]; 2511 South West Temple, Salt Lake City, UT 84115 (US).

(74) BOND, Laurence, B. et al. / etc.; Traskbritt, P. O. Box 2550, Salt Lake City, UT 84110 (US).

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

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

(51)⁷ G01N

(11) WO 2004/088276 (13) A2

(21) PCT/US2004/009191

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,143 **27 Mar/mar 2003** US
(27.03.2003)

(30) 60/481,596 **4 Nov/nov 2003** US
(04.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • A METHOD AND KIT FOR DETECTING THE EARLY ONSET OF RENAL TUBULAR CELL INJURY

- PROCEDE ET TROUSSE PERMETTANT DE DETECTER L'APPARITION PRECOCE DE LESIONS DE CELLULES TUBULAIRES RENALES

(71) CHILDREN'S HOSPITAL MEDICAL CENTER [US/US]; 3333 Burnet Avenue, Cincinnati, OH 45229 (US). THE TRUSTEES OF COLUMBIA UNIVERSITY [US/US]; 500 West 120th Street, New York, NY 10027 (US).

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(72, 75) DEVARAJAN, Prased [US/US]; 9265 Steeplechase Drive, Cincinnati, OH 45242 (US). BARASCH, Jonathan, M. [US/US]; 15 West 72nd Street, New York, NY 10023 (US).

(74) GUTTAG, Eric, W. et al. / etc.; Hasse Guttag & Nesbitt LLC, 7550 Central Parke Blvd., Mason, OH 45040 (US).

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

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

(i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)⁷ G01N

(11) WO 2004/088277 (13) A2

(21) PCT/US2004/009313

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,548 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD OF GAS ENERGY MANAGEMENT FOR PARTICLE FLOTATION AND SEPARATION

• SYSTEME ET PROCEDE BASES SUR LA GESTION DE L'ENERGIE GAZEUSE POUR EFFECTUER LA FLOTATION ET LA SEPARATION DE PARTICULES

(71, 72) FRIEDMAN, Jerry [US/US]; 260 West Beach Avenue, Inglewood, CA 90302 (US). MORSE, Dwain [US/US]; 2655 Montrose Place, Santa Barbara, CA 93105 (US).

(72) MORSE, Wade, O.; 1536 Valerio Street, Santa Barbara, CA 93101 (US). MATHERLY, Thomas, G.; 300 Huntington Place, Lompoc, CA 93436 (US).

(74) KELLEY, Scott, W.; Kelly Bauersfeld Lowry & Kelley, LLP, Suite 1650, 6320 Canoga Avenue, 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)⁷ G01N

(11) WO 2004/088278 (13) A2

(21) PCT/US2004/009325

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,525 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR ESTABLISHING THE CLEANLINESS OF A DEVICE

• PROCEDE ET SYSTEME PERMETTANT D'ETABLIR LA CLASSE DE PROPRETE D'UN DISPOSITIF

(71) SMITHS DETECTION [US/US]; 30 Technology Drive, Warren, NJ 07059 (US).

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(72, 75) DEBONO, Reno, Francis [CA/US]; 5 Summit Drive, Annandale, NJ 08801 (US). CARROLL, John, J. [US/US]; 43 Rosemont Avenue, Madison, NJ 07940 (US). SANDOR, Robert, Bruce [US/US]; 11 Harrison Court, South Orange, NJ 07079 (US).

(74) LAURENTANO, Anthony, 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)⁷ G01N

(11) WO 2004/088279 (13) A2

(21) PCT/US2004/009381

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,936 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ALLOSTERIC PROBES AND METHODS

• SONDES ALLOSTERIQUES ET PROCEDES

(71) IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. [US/US]; 310 Lab of Mechanics, Ames, IA 50011-2131 (US).

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(72, 75) NILSEN-HAMILTON, Marit [NO/US]; 1111 N. Hyland Ave., Ames, IA 50014-4007 (US).

(74) CUBERT, Jeremy, A.; 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).

(51)⁷ G01N

(11) WO 2004/088280 (13) A2

(21) PCT/US2004/009509

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/397,757 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR IMPROVED GAS DETECTION

• PROCEDE ET DISPOSITIF SERVANT A AMELIORER LA DETECTION D'UN GAZ

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(74) WHITMYER, Wesley, W., Jr. et al. / etc.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (US).

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

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

(51)⁷ G01N 1/24

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(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOMATIC MICROBIAL AIR SAMPLING SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'ECHANTILLONNAGE MICROBIEN DE L'AIR AUTOMATIQUE

(71) HOSPIRA, INC. [US/US]; Dept. NLEG, H-1, 275 North Field Drive, Lake Forest, IL 60045-2579 (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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(30) 60/459,230 1 Apr/avr 2003 US (01.04.2003)

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(30) 60/485,965 10 Jul/juil 2003 US (10.07.2003)

(30) 60/491,632 31 Jul/juil 2003 US (31.07.2003)

(30) 10/649,348 27 Aug/août 2003 US (27.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS TO CONTROL AND/OR PREDICT RHEOLOGICAL PROPERTIES

• PROCEDES POUR CONTROLER ET/OU PREVOIR DES PROPRIETES RHEOLOGIQUES

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(74) FOLLETT, Robert, J.; 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).

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(21) PCT/US2004/009646

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(30) 60/458,731 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS, METHODS AND PROCESSES FOR SORTING PARTICLES AND FOR PROVIDING SEX-SORTED ANIMAL SPERM

• DISPOSITIFS, PROCEDES ET PROCESSUS PERMETTANT DE TRIER DES PARTICULES ET D'OBTENIR DU SPERME ANIMAL PRODUISANT UNE PROGENITURE DE SEXE DONNE

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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)⁷ G01N 19/04 // 33/32

(11) WO 2004/088284 (13) A1

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(22) 30 Mar/mar 2004 (30.03.2004)

(25) nl (26) en

(30) 1023056 31 Mar/mar 2003 NL (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TACK MEASURING DEVICE

• DISPOSITIF DE MESURE DE LA FORCE D'ADHERENCE

(71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETEN SCHAP-PELIJK ONDERZZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).

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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) 60/452,745 7 Mar/mar 2003 US (07.03.2003)

(30) 10/721,773 25 Nov/nov 2003 US (25.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL MEASUREMENT DEVICE AND METHOD

• DISPOSITIF ET PROCEDE DE MESURE OPTIQUE

(63) US 10/721,773 (CON) 25 Nov/nov 2003 (25.11.2003)
US 60/452,745 (CON) 7 Mar/mar 2003 (07.03.2003)

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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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G01N 21/21, G01J 4/04

(11) WO 2004/088286 (13) A1

(21) PCT/JP2004/004261

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-089592 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-351725 10 Oct/oct 2003 JP (10.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL ROTATORY POWER MEASURING INSTRUMENT

• INSTRUMENT DE MESURE DE PUISSANCE ROTATIF OPTIQUE

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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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G01N 21/27

(11) WO 2004/088287 (13) A2

(21) PCT/FR2004/000717

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03/03730 26 Mar/mar 2003 FR (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF AUTOMATIC CORRECTION FOR AN OPTOELECTRONIC MEASURING DEVICE OF THE SPECTROPHOTOMETRIC TYPE

• PROCEDURE DE CORRECTION AUTOMATIQUE POUR APPAREIL DE MESURE OPTOELECTRONIQUE DE TYPE SPECTROPHOTOMETRE

(71, 72) **GENOT, Bernard** [FR/FR]; En Serres, F-31590 St Marcel Paulel (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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G01N 21/27, 17/00

(11) WO 2004/088288 (13) A1

(21) PCT/JP2004/002754

(22) 4 Mar/mar 2004 (04.03.2004)

(25) ja (26) ja

(30) 2003-091763 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR ANALYZING IMPURITIES (COLOR CENTERS) OF FLUORIDE AND PROCESS FOR PRODUCING MATERIAL FOR GROWING SINGLE CRYSTAL

• PROCEDE D'ANALYSE DES IMPURETES (CENTRES COLORES) DE FLUORIURE ET DE PRODUCTION D'UN MATERIAU POUR TIRAGE D'UN MONOCRISTAL

(71) **STELLA CHEMIFA KABUSHIKI KAISHA** [JP/JP]; 6-3, Awajimachi 3-chome, Chuo-ku, Osaka-shi, Osaka 5410047 (JP).

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(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 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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G01N 21/31, G05B 15/00

(11) WO 2004/088289 (13) A1

(21) PCT/EP2004/003473

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(25) de (26) de

(30) 103 14 793.4 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS ABSORPTION SPECTROMETER

• SPECTROMETRE D'ABSORPTION POUR PROCESSUS

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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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G01N 21/45, G01K 11/32

(11) WO 2004/088290 (13) A1

(21) PCT/IB2004/050375

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003/2582 2 Apr/avr 2003 ZA
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A FIBRE OPTIC SENSOR FOR MEASUREMENT OF REFRACTIVE INDEX

• CAPTEUR A FIBRE OPTIQUE DE MESURE DE L'INDICE DE REFRACTION

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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)⁷ G01N 21/84

(11) WO 2004/088291 (13) A1

(21) PCT/KR2004/000785

(22) 3 Apr/avr 2004 (03.04.2004)

(25) ko (26) en

(30) 10-2003-0021145 3 Apr/avr 2003 KR
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REAL-TIME MONITORING APPARATUS FOR BIOCHEMICAL REACTION

• APPAREIL DE SURVEILLANCE EN TEMPS REEL DE REACTION BIOCHIMIQUE

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(74) SEO, Keun-Bok; 1003ho, Sungji-Heights III Bldg., 642-6, Yeoksam-Dong, Gangnam-Ku, 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G01N 21/86, 21/898, 33/36, D06H 3/08

(11) WO 2004/088292 (13) A1

(21) PCT/AU2004/000424

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 2003901632 3 Apr/avr 2003 AU
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS FOR MEASURING UNIFORMITY OF A LAMINAR MATERIEL

• APPAREIL DE MESURE DE L'UNIFORMITE D'UN MATERIAU LAMELLAIRE

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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)⁷ G01N 21/88, G01J 3/50, B05D 3/00

(11) WO 2004/088293 (13) A1

(21) PCT/JP2004/004334

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-096128 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR DERIVING CALCULATION EQUATION FOR CALCULATING

COATING FILM IRREGULARITY AND METHOD FOR DIGITIZING COATING FILM IRREGULARITY

• PROCEDE DE DERIVATION D'UNE EQUATION DE CALCUL POUR LE CALCUL DE L'IRREGULARITE D'UN FILM DE REVETEMENT ET PROCEDE DE NUMERISATION DE L'IRREGULARITE DU FILM DE REVETEMENT

(71) NIPPON PAINT CO. LTD. [JP/JP]; 2-1-2, Oyodokita, Kita-Ku, Osaka-Shi, Osaka, 5318511 (JP).

(72) NONOGAKI, Yoshihiro; 2-99, Nozomigaoka, Handa-Shi, Aichi, 4750019 (JP). ASABA, Takao; 1-14-5-104, Chidori, Ota-Ku, Tokyo, 1460083 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-Chome, Shibuya-Ku, Tokyo, 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ G01N 21/896, G06T 7/00, G01N 21/45

(11) WO 2004/088294 (13) A1

(21) PCT/GB2004/001093

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 0307345.9 29 Mar/mar 2003 GB
(29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GLAZING INSPECTION

• INSPECTION DE VITRAGES

(71) PILKINGTON PLC [GB/GB]; Prescott Road, St. Helens, Merseyside WA10 3TT (GB).

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(72, 75) HILL, Barry, Raymond [GB/GB]; 123 Ormskirk Road, Rainford, St Helens, Merseyside WA11 8JB (GB). ALDRED, Simon, Peter [GB/GB]; 8 Parsonage Gardens, Tarleton, Lancashire PR4 6NL (GB).

(74) HALLIWELL, Anthony, Charles et al. / etc.; Group Intellectual Property Department, Pilkington European Technical Centre, Pilkington plc, Hall Lane, Lathom, Ormskirk, Lancashire L40 5UF (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)⁷ G01N 21/90

(11) WO 2004/088295 (13) A1

(21) PCT/NL2004/000150

(22) 27 Feb/fév 2004 (27.02.2004)

(25) en (26) en

(30) 1022810 28 Feb/fév 2003 NL (28.02.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR INSPECTING PACKAGINGS

• PROCEDE ET SYSTEME D'INSPECTION D'EMBALLAGES

(71) HEINEKEN TECHNICAL SERVICES B.V. [NL/NL]; Burgemeester Smeetsweg 1, NL-2382 PH Zoeterwoude (NL).

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

(72) AKKERMAN, Jensen, Peter; Nieuwe Kerklaan 6, NL-1271 BV Huizen (NL).

(72, 75) LANDMAN, Bernardus, Cornelis, Johannes [NL/NL]; Noordeinde 373, NL-2771 WR Boskoop (NL).

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

(51)⁷ G01N 23/223

(11) WO 2004/088296 (13) A1

(21) PCT/JP2004/003229

(22) 11 Mar/mar 2004 (11.03.2004)

(25) ja (26) ja

(30) 2003-091965 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLUORESCENT X-RAY ANALYZER

• ANALYSEUR DE RAYONS X FLUORESCENTS

(71) RIGAKU INDUSTRIAL CORPORATION [JP/JP]; 14-8, Akaoji-cho, Takatsuki-shi, Osaka, 5691146 (JP).

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(72, 75) AYUKAWA, Yasuhiro [JP/JP]; c/o RIGAKU INDUSTRIAL CORPORATION, 14-8, Akaoji-cho, Takatsuki-shi, Osaka, 5691146 (JP). ONO, Megumi [JP/JP]; c/o RIGAKU INDUSTRIAL CORPORATION, 14-8, Akaoji-cho, Takatsuki-shi, Osaka, 5691146 (JP). SAKO, Yukio [JP/JP]; c/o RIGAKU INDUSTRIAL CORPORATION, 14-8, Akaoji-cho, Takatsuki-shi, Osaka, 5691146 (JP).

(74) SUGIMOTO, Shuji et al. / etc.; Higobashi Nittai Bldg., 10-2, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka, 5500002 (JP).

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

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

(51)⁷ G01N 27/406, 27/407, H05B 3/28

(11) WO 2004/088297 (13) A1

(21) PCT/DE2004/000156

(22) 2 Feb/fév 2004 (02.02.2004)

(25) de (26) de

(30) 103 14 010.7 28 Mar/mar 2003 DE (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CERAMIC LAMINATED COMPOSITE
• COMPOSITE STRATIFIE CERAMIQUE

(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) WAHL, Thomas [DE/DE]; Maximilianstr. 40/42, 75172 Pforzheim (DE). EGENER, Thomas [DE/US]; 202 Lytleton Way, Anderson, SC 29621 (US). DIEHL, Lothar [DE/DE]; Panoramast. 73/2, 70839 Gerlingen (DE). RODEWALD, Stefan [DE/DE]; Glemsstr. 9, 71254 Ditzingen (DE). BUCHHOLZ, Frank [DE/DE]; Uhlandstr. 14, 72654 Neckartenzlingen (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)⁷ G01N 27/416, 27/00, 27/30, 33/68, 33/53

(11) WO 2004/088298 (13) A1

(21) PCT/JP2003/004030

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CAVITY ELECTRODE STRUCTURE, SENSOR USING SAME, AND PROTEIN DETECTION DEVICE

• STRUCTURE D'ELECTRODES A CAVITE, CAPTEUR UTILISANT CETTE STRUCTURE ET DISPOSITIF DE DETECTION DE PROTEINES

(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) ARINAGA, Kenji [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (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)⁷ G01N 27/49, C12Q 1/68

(11) WO 2004/088299 (13) A1

(21) PCT/DE2004/000690

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 080.3 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPERATING CIRCUIT FOR A BIOSENSOR ARRANGEMENT

• CIRCUIT DE COMMUTATION POUR UN ENSEMBLE BIODETECTEUR

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

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(72, 75) PAULUS, Christian [DE/DE]; Tankenrainer Str. 12 E, 82362 Weilheim (DE). SCHIENLE, Meinrad [DE/DE]; Hirtenstr. 13 A, 85521 Ottobrunn (DE).

(74) VIERING, Hans-Martin; Viering, Jentschura & Partner, Steinsdorfstr. 6, 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ G01N 27/72, B65H 59/00

(11) WO 2004/088300 (13) A1

(21) PCT/KR2004/000735

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ko (26) en

(30) 10-2003-0021478 4 Apr/avr 2003 KR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTROMAGNETIC INDUCTION
SENSOR AND METHOD FOR MANU-
FACTURING THE SAME

• CAPTEUR INDUCTIF ELECTROMA-
GNETIQUE ET PROCEDE DE FABRI-
CATION

(71, 72) CHAE, Chang-Soo [KR/KR]; 204-2204
Samsung Apt., 94-1 Dangsan-Dong 4-Ga
Youngdeungpo-Gu, Seoul 150-044 (KR).

(74) L & K PATENT FIRM; 7F Daekun Bldg.,
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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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G01N 27/90, G01B 7/00

(11) WO 2004/088301 (13) A1

(21) PCT/GB2003/004575

(22) 23 Oct/oct 2003 (23.10.2003)

(25) en (26) en

(30) 10/404,913 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD AND APPARATUS FOR IN-
SPECTING A TUBULAR

• PROCEDE ET DISPOSITIF
D'INSPECTION D'ELEMENT
TUBULAIRE

(71) VARCO I/P, INC. [US/US]; One BriarLake
Plaza, 2000 West Sam Houston Parkway
South, Suite 1700, Houston, TX 77042 (US).
LUCAS, Brian, Ronald [GB/GB]; Lucas &
Co., 135 Westhall Road, Warlingham, Surrey
CR6 9HJ (GB).

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les États désignés sauf US)

(72, 75) KAMMANN, Reinhold [DE/DE];
Schaffeld 12, 29342 Wienhausen (DE).
LAM, Clive, Chemo [US/US]; 15922 Oak
Island Drive, Tomball, TX 77375 (US).

JANSSEN, Matthias, Detlef [DE/DE]; An-
ton-Racky-Strasse 1, 29336 Nienhagen (DE).
KNAPWOST, Helmut, Wolfgang [DE/DE];
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WORMS, Manfred, Hermann [DE/DE];
Maisfeld 15, 29336 Neinhagen (DE). DOB-
BERSTEIN, Bernd, Helmut [DE/DE];
Weferlingser Weg 35, 31303 Burgdorf (DE).

(74) LUCAS, Brian, Ronald; Lucas & Co., 135
Westhall Road, Warlingham, Surrey CR6 9HJ
(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 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)⁷ G01N 29/10, G01V 1/50

(11) WO 2004/088302 (13) A1

(21) PCT/EP2004/004918

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03290833.7 3 Apr/avr 2003 EP
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CEMENT BOND EVAL-
UATION IN BOREHOLES

• PROCEDE POUR LA DETERMINA-
TION DE CONSTITUANTS D'UN TU-
BAGE DE REVETEMENT EN FONC-
TION DE MESURES ACOUSTIQUES

(71) SERVICES PETROLIERS SCHLUM-
BERGER [FR/FR]; 42, rue Saint Dominique,
F-75007 Paris Cedex (FR).
(only for / seulement pour FR)

(71) SCHLUMBERGER TECHNOLOGY
B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG
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KP KR KZ NO NZ PL RO RU TM UA ZA)

(71) SCHLUMBERGER HOLDINGS LIM-
ITED; P.O. Box 71, Craigmuir Chambers,
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(only for / seulement pour GB JP NL)

(71) SCHLUMBERGER CANADA LIMITED
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berta T2P 0G4 (CA).
(only for / seulement pour CA)

(71) SOFITECH N.V. [BE/BE]; Rue de Stalle
140, B-1180 Brussels (BE).
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les États désignés sauf AT AZ CA DE DK FR
GB IT JP KP KR KZ NL NO NZ PL RO RU
TM UA US ZA)

(72, 75) GUIBERT, Karine [FR/FR]; 11, quai
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[IT/IT]; Schlumberger Italiana S.p.A., Strada

7, Palazzo T1, Milanofiori, I-20089 Rozzano
(IT). SCHOEPP, Virginie [FR/FR]; 12, av-
enue Leon Gambetta, F-92120 Montrouge
(FR).

(74) MENES, Catherine; Etudes & Productions
Schlumberger, 1, rue Henri Becquerel, Boite
postale 202, F-92142 Clamart 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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(51)⁷ G01N 30/20, F16K 11/074

(11) WO 2004/088303 (13) A1

(21) PCT/CH2004/000207

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 594/03 3 Apr/avr 2003 CH
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROTATING VALVE

• VANNE ROTATIVE

(71) CS ANALYTICS AG [CH/CH]; Obere All-
mend 6, CH-6375 Beckenried (CH).
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les États désignés sauf US)

(72, 75) CUENI, Hansjörg [CH/CH];
Rotzbergstrasse 4, CH-6362 Stansstad (CH).
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erstrasse 11, CH-4227 Büsserach (CH).
DÖBELIN, Werner [CH/—]; Grellinger-
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(74) BRAUN, André; Braun & Partner,
Reussstrasse 22, CH-4054 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)⁷ G01N 33/00

(11) WO 2004/088304 (13) A2

(21) PCT/IB2004/001366

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

- (30) 60/459,310 **1 Apr/avr 2003** US
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND DEVICE FOR UTILIZING ANALYTE LEVELS TO ASSIST IN THE TREATMENT OF DIABETES, INSULIN RESISTANCE AND METABOLIC SYNDROME
- PROCEDE ET DISPOSITIF UTILISANT LES TAUX D'ANALYTES POUR AIDER LE TRAITEMENT DU DIABETE, DE L'INSULINORESISTANCE ET DU SYNDROME METABOLIQUE
- (71, 72) **MOERMAN, Piet** [BE/BE]; Ph. de Denterghemlaan 2, B-9831 St. Martens-Latem (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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G01N 33/18, 31/10, 27/413, 27/30**
- (11) **WO 2004/088305** (13) A1
- (21) PCT/AU2004/000438
- (22) **5 Apr/avr 2004 (05.04.2004)**
- (25) en (26) en
- (30) 2003901589 **4 Apr/avr 2003** AU
(04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PHOTOELECTROCHEMICAL DETERMINATION OF CHEMICAL OXYGEN DEMAND
- DETERMINATION PHOTOELECTROCHIMIQUE DE LA DEMANDE CHIMIQUE EN OXYGENE
- (71) **GRIFFITH UNIVERSITY** [AU/AU]; Kessels Road, Nathan, QLD 4111 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZHAO, Huijun** [AU/AU]; 34 Kincaid Drive, Highland Park, QLD 4211 (AU).
- (74) **MISCHLEWSKI, Darryl**; IP Strategies, P.O. Box 1254, Camberwell, VIC 3124 (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)⁷ **G01N 33/50**
- (11) **WO 2004/088307** (13) A2
- (21) PCT/DE2004/000506
- (22) **13 Mar/mar 2004 (13.03.2004)**
- (25) de (26) de
- (30) 103 14 413.7 **28 Mar/mar 2003** DE
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DETECTION METHOD FOR THE EXPRESSION OF RECOMBINANT PROTEINS ON A CELL SURFACE AND FOR THE IMMOBILIZATION AND PURIFICATION OF CELLS AND PROTEINS
- PROCEDE DE CARACTERISATION DE L'EXPRESSION DE PROTEINE RECOMBINANTE A LA SURFACE D'UNE CELLULE, ET D'IMMOBILISATION ET DE PURIFICATION DES CELLULES ET DES PROTEINES
- (71) **UNIVERSITÄT DES SAARLANDES** [DE/DE]; Im Stadtwald, 66123 Saarbrücken (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JOSE, Joachim** [DE/DE]; Ilseplatz 6, 66123 Saarbrücken (DE). **HANDEL, Steffen** [DE/DE]; Sulzbachstrasse 53, 66111 Saarbrücken (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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/50, A01K 67/027**
- (11) **WO 2004/088308** (13) A1
- (21) PCT/GB2004/001363
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) en (26) en
- (30) 0307535.5 **1 Apr/avr 2003** GB
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR INDUCING AN INFLAMMATORY RESPONSE IN PULMONARY DISEASE AND ITS USE IN THE SCREENING FOR AGENTS
- PROCEDE POUR INDUIRE UNE REPONSE INFLAMMATOIRE DANS UNE MALADIE PULMONAIRE, ET SON UTILISATION DANS LA RECHERCHE SYSTEMATIQUE D'AGENTS
- (71) **ETIOLOGICS LIMITED** [GB/GB]; Stoke Court, Stokes Poges, Slough, Buckinghamshire SL2 4LY (GB).
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- (72, 75) **FITZGERALD, Mary, Frances** [GB/GB]; Etiologics Limited, Stoke Court, Stoke Poges, Slough SL2 4LY (GB). **SPICER, Dianne** [GB/GB]; Etiologics Limited, Stoke Court, Stoke Poges, Slough SL2 4LY (GB).
- (74) **MASCHIO, Antonio et al.** / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (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)⁷ G01N 33/50

(11) WO 2004/088309 (13) A2

(21) PCT/US2004/009603

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,850 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS FOR DIAGNOSING URINARY TRACT AND PROSTATIC DISORDERS

• METHODES DE DIAGNOSTIC DE TROUBLES DU TRACTUS URINAIRE ET DE LA PROSTATE

(63) US 60/458,850 (CIP) 28 Mar/mar 2003 (28.03.2003)

(71) CANTATA LABORATORIES, INC. [US/US]; 300 Technology Square, 5th Floor, Cambridge, MA 02139 (US).

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

(72, 75) ROGERS, James, A. [US/US]; 4 Sycamore Lane, Hingham, MA 02043 (US). ROSENBERG, Alexander, F. [US/US]; 94 Jordan Road, Brookline, MA 02446 (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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G01N 33/52, 33/574, C12Q 1/68

(11) WO 2004/088310 (13) A1

(21) PCT/AU2004/000429

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003901671 2 Apr/avr 2003 AU (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPARATIVE GENOMIC HYBRIDIZATION

• HYBRIDATION GENOMIQUE COMPARATIVE

(71) ADELAIDE RESEARCH & INNOVATION PTY LTD [AU/AU]; Level 11, 10

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(72, 75) HUSSEY, Nicole, Dominique [AU/AU]; 35 Northern Avenue, West Beach, South Australia 5024 (AU). HU, Dong, Gui [CN/AU]; Unit one, Number one, Rofe Court, Woodville Park, South Australia 5011 (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).

(51)⁷ G01N 33/531, 33/569

(11) WO 2004/088311 (13) A1

(21) PCT/JP2004/004687

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-095349 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DILUENT FOR NOROVIRUS OR SAPOVIRUS SPECIMEN AND METHOD FOR DETECTING VIRUS

• DILUANT POUR ECHANTILLON DE NOROVIRUS OU DE SAPOVIRUS ET PROCEDE DE DETECTION DE VIRUS

(71) DENKA SEIKEN CO., LTD. [JP/JP]; 4-2, NIHONBASHIKAYABACHO 3-CHOME, CHUO-KU, Tokyo 1030025 (JP).

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(72, 75) KAMATA, Kunio [JP/JP]; c/o DENKA SEIKEN CO., LTD., 2-2, Minamihoncho 1-Chome, Gosen-Shi Niigata 9591695 (JP). KATO, Daisuke [JP/JP]; c/o DENKA SEIKEN CO., LTD., 2-2, Minamihoncho 1-Chome, Gosen-Shi Niigata 9591695 (JP).

(74) THE PATENT CORPORATE BODY ARUGA PATENT OFFICE; KY-ODO BLDG., 3-6, Nihonbashingyocho 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

(51)⁷ G01N 33/533

(11) WO 2004/088312 (13) A2

(21) PCT/GB2004/001418

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en

(26) en

(30) 0307559.5 2 Apr/avr 2003 GB (02.04.2003)

(30) 60/465,807 28 Apr/avr 2003 US (28.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLUORESCENTLY TAGGED LIGANDS

• LIGANDS MARQUÉS PAR FLUORESCENCE

(71) UNIVERSITY OF NOTTINGHAM [GB/GB]; University Park, Nottingham NG7 2RD (GB).

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(72, 75) GEORGE, Michael [GB/GB]; School of Chemistry, University of Nottingham, University Park, Nottingham NG7 2RD (GB). HILL, Stephen, John [GB/GB]; Institute of Cell Signalling, C Floor, Medical School, Queen's Medical Centre, Nottingham NG7 2UH (GB). KELLAM, Barrie [GB/GB]; School of Pharmaceutical Sciences, University of Nottingham, University Park, Nottingham NG7 2RD (GB). MIDDLETON, Richard, John [GB/GB]; School of Pharmaceutical Sciences, University of Nottingham, University Park, Nottingham NG7 2RD (GB).

(74) NOVAGRAAF PATENTS LIMITED; The Crescent, 54 Blossom Street, York YO24 1AP (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)⁷ G01N 33/543, 33/58

(11) WO 2004/088313 (13) A1

(21) PCT/FI2004/000204

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en

(26) en

(30) 60/459,374 2 Apr/avr 2003 US (02.04.2003)

(30) 20030615 24 Apr/avr 2003 FI (24.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NANOPARTICLE FOR BIOAFFINITY ASSAYS

- NANOPARTICULE POUR ESSAIS DE BIOAFFINITE
- (71, 72) **SOUKKA, Tero** [FI/FI]; Yo-kylä 1 A 36, FI-20540 Turku (FI). **KORPIMÄKI, Teemu** [FI/FI]; Bilmarkinkatu 4 as 11, FI-20100 Turku (FI). **LAMMINMÄKI, Urpo** [FI/FI]; Kerttulinkatu 12 A 12, FI-20500 Turku (FI). **VIRTA, Marko** [FI/FI]; Kauppiaskatu 10 D 59, FI-20100 Turku (FI).
- (74) **TURUN PATENTTITOIMISTO OY**; P.O. Box 99, FI-20521 Turku (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)⁷ **G01N 33/543**
- (11) **WO 2004/088314** (13) A1
- (21) PCT/GB2004/001362
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 0307403.6 **31 Mar/mar 2003 GB (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SELECTION BY COMPARTMENTALISED SCREENING
- SELECTION PAR CRIBLAGE COM-PARTIMENTE
- (71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1B 1AL (GB).
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- (72, 75) **GRIFFITHS, Andrew, David** [GB/GB]; MRC Laboratory of Molecular Biology, Hills Road, Cambridge CB2 2QH (GB). **ABELL, Chris** [GB/GB]; Department of Chemistry, University Chemical Laboratory, Lensfield Road, Cambridge CB2 1EW (GB). **HOLLFELDER, Florian** [DE/GB]; Department of Biochemistry, 80 Tennis Court Road, Cambridge CB2 1GA (GB). **MAS-TROBATTISTA, Enrico** [NL/GB]; MRC Laboratory of Molecular Biology, Hills Road, Cambridge CB2 2QH (GB).
- (74) **MASCHIO, Antonio** et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (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 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).
- Published / Publiée : (c)
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- (51)⁷ **G01N 33/543, C12Q 1/68**
- (11) **WO 2004/088315** (13) A1
- (21) PCT/IN2003/000103
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • RAPID HEAT-MEDIATED METHOD FOR ENZYME-LINKED IMMUNOSORBENT ASSAY PROCEDURE
- PROCEDE RAPIDE UTILISANT LA CHALEUR POUR PROCEDURE DE DOSAGE IMMUNOENZYMATIQUE
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) **NAHAR, Pradip**; Institute of Genomics and Integrative Biology, Mall Road, Delhi 110 007 (IN). **BORA, Utpal**; Institute of Genomics and Integrative Biology, Mall Road, Delhi 110 007 (IN).
- (74) **SUBRAMANIAM, Hariharan** et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi 110 048 (IN).
- (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 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)⁷ **G01N 33/543, C12N 11/08**
- (11) **WO 2004/088316** (13) A1
- (21) PCT/IN2003/000104
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) en (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR PREPARING PHOTOREACTIVE POLYMERS FOR IMMOBILIZING BIOMOLECULES THEREON
- PROCEDE POUR LA PREPARATION DE POLYMERES A REACTIFS A LA LUMIERE POUR L'IMMOBILISATION DE BIOMOLECULES
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).
- (72) **NAHAR, Pradip**; Institute of Genomics and Integrative Biology, Mall Road, Delhi 110 001 (IN).
- 001 (IN). **NAQVI, Azmi**; Institute of Genomics and Integrative Biology, Mall Road, Delhi 110 001 (IN).
- (74) **SUBRAMANIAM, Hariharan** et al. / etc.; Subramaniam, Nataraj & Associates, E-556, Greater Kailash II, New Delhi-110 048 (IN).
- (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 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)⁷ **G01N 33/543, 33/53**
- (11) **WO 2004/088317** (13) A1
- (21) PCT/JP2004/004606
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) ja (26) ja
- (30) 2003-094059 **31 Mar/mar 2003 JP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • IMMUNO-NEPHELOMETRY OF LIPOPROTEIN (a) AND REAGENT THEREFOR
- IMMUNONEPHELOMETRIE DE LIPO-PROTEINE (A) ET REACTIF ASSOCIE
- (71) **DENKA SEIKEN CO. LTD.** [JP/JP]; 4-2, Nihonbashi, Kayabacho 3-chome, Chuo-ku, Tokyo 1030025 (JP).
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- (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/543, C12Q 1/68**
- (11) **WO 2004/088318** (13) A1
- (21) PCT/SE2004/000501

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/460,539 4 Apr/avr 2003 US
(04.04.2003)(30) 0301058-4 10 Apr/avr 2003 SE
(10.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND KIT FOR CELL ANALYTE ASSAY

- PROCEDE ET TROUSSE POUR BIO-ANALYSE D'ANALYTES CELLULAIRES

(71) BIA CORE AB [SE/SE]; Rapskatan 7, S-754 50 Uppsala (SE).

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(72, 75) KARLSSON, Robert [SE/SE]; Frejs väg 21 A, S-754 40 Uppsala (SE).
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(74) WIDEN, Björn; Biacore AB, Rapskatan 7, S-754 50 Uppsala (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)⁷ G01N 33/547, 33/53, C12M 1/40, 1/34

(11) WO 2004/088319 (13) A1

(21) PCT/JP2004/004510

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-093834 31 Mar/mar 2003 JP
(31.03.2003)(30) 2003-346560 6 Oct/oct 2003 JP
(06.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FIXING AGENTS, METHOD OF FIXING SUBSTANCE WITH THE SAME, AND SUBSTRATE HAVING SUBSTANCE FIXED THERETO WITH THE SAME

- AGENTS DE FIXATION, PROCEDE DE FIXATION D'UNE SUBSTANCE AU MOYEN DESDITS AGENTS, ET SUBSTRAT POSSEDANT UNE SUBSTANCE FIXEE A L'AIDE DESDITS AGENTS

(71) KANAGAWA ACADEMY OF SCIENCE AND TECHNOLOGY [JP/JP]; 2-1, Sakado 3-chome, Takatsu-ku, Kawasaki-shi, Kanagawa, 2130012 (JP).
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(71, 72) YAMAUCHI, Tetsuya [JP/JP]; Room 201, Rezon Chidorimachi, 2-28-2, Chidori, Ota-ku, Tokyo, 1460083 (JP).

(72, 75) ITO, Yoshihiro [JP/JP]; 3-3-1-707, Sakado, Takatsu-ku, Kawasaki-shi, Kanagawa, 2130012 (JP). HASUDA, Hirokazu [JP/JP]; 7-20-5, Gumisawa, Totsuka-ku, Yokohama-shi, Kanagawa, 2450061 (JP).
KONNO, Tomohiro [JP/JP]; 2-15-5, Sakurajyousui, Setagaya-ku, Tokyo, 1560045 (JP).
ISHIHARA, Kazuhiko [JP/JP]; 5-8-17, Iguchi, Mitaka-shi, Tokyo, 1810011 (JP).

(74) TANIGAWA, Hidejiro; c/o Tanigawa snd Associates Patent Firm, 6F, Iwata Bldg. 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo, 1020072 (JP).

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

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

(51)⁷ G01N 33/558, 33/543

(11) WO 2004/088320 (13) A1

(21) PCT/FR2004/000775

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr (26) fr

(30) 03/03877 28 Mar/mar 2003 FR
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SOLID-PHASE IMMUNOCHROMATOGRAPHIC METHODS

- PROCEDES IMMUNOCHROMATOGRAPHIQUES EN PHASE SOLIDE

(71) VEDALAB [FR/FR]; ZAT du Londeau, Rue de l'Expansion, Cerise, F-61000 Alençon (FR).
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(72, 75) DONATI, Raphaël [FR/FR]; 4, rue d'Ecouvies, F-61250 Radon (FR). BIGOT, Patrick [FR/FR]; Les Fours à chauds, Route de Boucé, F-61150 Ecouche (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).

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(51)⁷ G01N 33/569, C12N 11/06

(11) WO 2004/088321 (13) A1

(21) PCT/EP2004/003542

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/406,897 3 Apr/avr 2003 US
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE ENRICHMENT OF TARGET CELLS BY USE OF CBDS

- PROCEDE D'ENRICHISSEMENT DE CELLULES CIBLES A L'AIDE DE CBD

(71) PROFOS AG [DE/DE]; Josef-Engert-Str. 9, 93053 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOESSNER, Martin [DE/DE]; Ulmenstr. 4, 85414 Marzling (DE).

(74) DEHMEL, Albrecht et al. / etc.; Dehmel & Bettenhausen, Patent und Rechtsanwälte, Herzogspitalstr. 11, 80331 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)⁷ G01N 33/68, 33/551, 33/546, 33/533, C12N 1/00

(11) WO 2004/088322 (13) A1

(21) PCT/AU2004/000403

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003901451 31 Mar/mar 2003 AU
(31.03.2003)(30) 2003904174 8 Aug/août 2003 AU
(08.08.2003)(30) 2003904720 1 Sep/sep 2003 AU
(01.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTIPLEX SCREENING FOR LYSSOMAL STORAGE DISORDERS (LSDs)

- CRIBLAGE MULTIPLEX DE MALADIES LYSSOSOMALES

(71) WOMEN'S AND CHILDREN'S HOSPITAL [AU/AU]; 72 King William Road, North Adelaide, S.A. 5006 (AU).
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(72, 75) MEIKLE, Peter, John [AU/AU]; 31 Minnamurra Drive, Redwood Park, S.A.

- 5097 (AU). **HOPWOOD, John, Joseph** [AU/AU]; 2 Monarto Court, Stonyfell, S.A. 5066 (AU). **BROOKS, Douglas, Alexander** [AU/AU]; 80 Stroud Street, North Cheltenham, S.A. 5014 (AU). **DEAN, Caroline** [AU/AU]; 19 Smith Street, Christies Beach, S.A. 5165 (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).
- Published / Publiée : (b)
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- (51)⁷ **G01N 33/68**
- (11) **WO 2004/088323** (13) A1
- (21) PCT/JP2004/004247
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) ja (26) ja
- (30) 2003-095904 **31 Mar/mar 2003 JP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OF COLLECTING PRIMARY STRUCTURAL DATA OF PROTEIN, HYDROPHOBIC FINE PARTICULATE CARRIER TO BE USED THEREIN, AND SYSTEM FOR OBTAINING PRIMARY STRUCTURAL DATA OF PROTEIN
- PROCEDE DE COLLECTE DE DONNEES STRUCTURALES PRIMAIRES DE PROTEINE, SUPPORT PARTICULAIRE FIN HYDROPHOBE A UTILISER DANS LEDIT PROCEDE ET SYSTEME D'OBTENTION DE DONNEES STRUCTURALES PRIMAIRES DE PROTEINE
- (71) **RIKEN [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP).**
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- (72, 75) **NAKAYAMA, Hiroshi [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). MIURA, Hiromi [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). IWAKI, Masaya [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (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.

- TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/68, C07K 16/00**
- (11) **WO 2004/088324** (13) A2
- (21) PCT/US2004/008954
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) en (26) en
- (30) 10/400,005 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROTEOMIC ANALYSIS OF BIOLOGICAL FLUIDS
- ANALYSE PROTEOMIQUE DE FLUIDES BIOLOGIQUES
- (71) **PROTEOMIX, INC. [US/US]; 3181 SW Sam Jackson Park Road, Oregon Health and Science University, Mail Code NRC5, Portland, OR 97239 (US).**
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- (72, 75) **ROSENFELD, Ron [US/US]; 258 Valley Street, Los Altos, CA 94022 (US). NAGALLA, Sri [US/US]; 30100 SW Laurel Road, Hillsboro, OR 97123 (US). GRAVETT, Mike [US/US]; 7419 SE 28th Avenue, Portland, OR 97202 (US).**
- (74) **DREGER, Ginger, R.; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/68**
- (11) **WO 2004/088325** (13) A2
- (21) PCT/US2004/009376
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/458,105 **26 Mar/mar 2003 US (26.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DETERMINATION OF PROTEINS AND/OR OTHER MOLECULES USING MASS SPECTROSCOPY
- DETERMINATION DE PROTEINES ET/OU D'AUTRES MOLECULES AU MOYEN DE LA SPECTROSCOPIE DE MASSE

- (71) **PRESIDENT AND FELLOWS OF HARVARD COLLEGE [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIRSCHNER, Marc, W. [US/US]; 20 Gralynn Road, Newton, MA 02459 (US). JEBANATHIRAJAH, Judith, A. [CA/US]; 15 Ballard Street, Floor #3, Boston, MA 02130 (US). YOUSAF, Muhammad, N. [CA/US]; 121 Park Drive, #36, Boston, MA 02215 (US).**
- (74) **OYER, Timothy, 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).
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- (51)⁷ **G01N 33/74**
- (11) **WO 2004/088326** (13) A2
- (21) PCT/US2004/009666
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) en (26) en
- (30) 60/458,244 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • GASTRIN HORMONE IMMUNOASSAYS
- DOSAGES IMMUNOLOGIQUES POUR LA DETECTION DE L'HORMONE GASTRINE
- (71) **APTONT CORPORATION [US/US]; 26 Harter Avenue, Suite 14, P.O. Box 1049, Woodland, CA 95776-1049 (US). HUNTINGDON LIFE SCIENCES LIMITED [GB/GB]; Woolley Road, Alconbury, Huntingdon, Cambridgeshire PE17 5HS (GB).**
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRIMES, Stephen [US/US]; P.O.Box 1049, Woodland, CA 95776 (US). LITTLE, John [GB/GB]; P.O.Box 2, Huntingdon, Cambridgeshire PE17 5HS (GB). MCLOUGHLIN, Lorraine [GB/GB]; P.O.Box 2, Huntingdon, Cambridgeshire PE17 5HS (GB).**
- (74) **GENOVA, John, M. et al. / etc.; White & Case LLP, 1155 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)⁷ G01N 35/00

(11) WO 2004/088327 (13) A1

(21) PCT/AU2004/000407

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003901871 31 Mar/mar 2003 AU (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD AND APPARATUS FOR FLUID DISPENSATION, PREPARATION AND DILUTION

• PROCEDE ET APPAREIL DE DISTRIBUTION, PREPARATION ET DILUTION DE FLUIDE

(71) VISION BIOSYSTEMS LIMITED [AU/AU]; 495 Blackburn Road, Mount Waverley, Victoria 3149 (AU).

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

(72, 75) SAMUHEL, Frank [AU/AU]; 15 Cutts Avenue, Dromana, Victoria 3936 (AU). DONATH, Adam [AU/AU]; 7 Mulberry Street, Richmond, Victoria 3121 (AU). ZAWADZKI, Krzysztof [AU/AU]; 18 Winnifred Crescent, Knoxfield, VIC 3180 (AU). WHITE, Anthony, Cecil [AU/AU]; 6 Bayview Terrace, Ascot Vale, VIC 3032 (AU).

(74) HENSHAW, Damon 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)⁷ G01P

(11) WO 2004/088328 (13) A2

(21) PCT/SG2004/000078

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/406,666 3 Apr/avr 2003 US (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR MEASURING MOTION OF A BODY IN A NUMBER OF DIMENSIONS

• PROCEDE ET APPAREIL DE MESURE DE MOUVEMENT D'UN CORPS DANS UN NOMBRE DE DIMENSIONS

(71) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH [SG/SG]; 20 Biopolis Way, #07-01 Centros, Singapore 138668 (SG).

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(72, 75) MA, Xin [CN/SG]; Blk 702 West Coast Road, #11-371, Singapore 120702 (SG).

(74) WATKIN, Timothy, Lawrence, Harvey; Lloyd Wise, Tanjong Pagar P.O. Box 636, Singapore 910816 (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01P 15/10

(11) WO 2004/088329 (13) A1

(21) PCT/EP2003/003400

(22) 1 Apr/avr 2003 (01.04.2003)

(25) de (26) de

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ACCELERATION SENSOR AND METHOD FOR DETECTING AN ACCELERATION

• CAPTEUR D'ACCELERATION ET PROCEDE DE DETECTION D'UNE ACCELERATION

(71) FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V. [DE/DE]; Leonrodstrasse 54, 80636 München (DE).

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

(72, 75) DRABE, Christian [DE/DE]; Sebnitzerstr. 57, 01099 Dresden (DE). SCHENK, Harald [DE/DE]; Peschelstr. 20, 01139 Dresden (DE).

(74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei 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).

(51)⁷ G01P 15/125, 15/08

(11) WO 2004/088330 (13) A1

(21) PCT/US2004/009597

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/400,591 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BENDING BEAM ACCELEROMETER WITH DIFFERENTIAL CAPACITIVE PICKOFF

• ACCELEROMETRE DE FAISCEAUX DE CINTRAGE A CAPTEUR CAPACITIF DIFFERENTIEL

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) MALAMETZ, David, L.; 15022 Old Manor Way, Lynnwood, WA 98037 (US). HORN-ING, Robert, D.; 14411 Alabama Ave. So., Savage, MN 55378 (US). BECKA, Stephen, F.; 42918 SE 173rd Street, North Bend, WA 98045 (US).

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

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

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(51)⁷ G01R

(11) WO 2004/088331 (13) A2

(21) PCT/US2004/008676

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 60/458,080 27 Mar/mar 2003 US (27.03.2003)

(30) 10/672,576 29 Sep/sep 2003 US (29.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF PRECISELY DETERMINING THE LOCATION OF A FAULT ON AN ELECTRICAL TRANSMISSION SYSTEM

• PROCEDE POUR DETERMINER PRECISEMENT L'EMPLACEMENT D'UNE DEFAILLANCE D'UN SYSTEME DE TRANSMISSION ELECTRIQUE

(71, 72) BORCHERT, Marshall, B. [US/US]; 4239 Calvert Place, Lincoln, NE 68506 (US). HARTZELL, Douglas, A. [US/US]; 2825 N. 65th Street, Lincoln, NE 68507 (US).

(74) WELCH, James, D.; 10328 Pinchurst Avenue, Omaha, NE 68124 (US).

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

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

(51)⁷ G01R

(11) WO 2004/088332 (13) A2

(21) PCT/US2004/009334

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03/03868 28 Mar/mar 2003 FR (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND INSTALLATION FOR MULTI-DIMENSIONAL INHOMOGENEOUS-FIELD MAGNETIC RESONANCE IMAGING

• IMAGERIE A RESONANCE MAGNETIQUE A CHAMP MULTIDIMENSIONNEL INHOMOGENE : PROCEDE ET MONTAGE

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR). ECOLE NORMALE SUPERIEURE SCIENCES DE LYON [FR/FR]; 46, Allée d'Italie, F-69364 Lyon Cedex 07 (FR). BEREAL COLLEGE [US/US]; CPO 2186 Berea College, Berea, KY 40404 (US).

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(72, 75) HEDIGER, Sabine [CH/FR]; 68, allée de la Cheminée Morin, F-38340 Voreppe (FR). EMSLEY, David, Lyndon [GB/FR]; 1535, chemin du Canet, F-38950 St. Martin Le Vinoux (FR). BALTISBERGER, Jay [US/US]; 205 Delancey Street, Berea, KY 40404 (US).

(74) KENAGA, Michael, L. et al. / etc.; Piper Rudnick LLP, P.O. Box 64807, Chicago, IL 60664-0807 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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)⁷ G01R 15/16, 29/12, G01D 5/241

(11) WO 2004/088333 (13) A1

(21) PCT/JP2004/004343

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-092212 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRIC POTENTIAL MEASURING DEVICE AND IMAGE FORMING APPARATUS

• APPAREIL DE MESURE DE POTENTIEL ELECTRIQUE ET APPAREIL DE FORMATION D'IMAGE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

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(72, 75) ICHIMURA, Yoshikatsu [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). YAGI, Takayuki [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). ZAITSU, Yoshitaka [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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G01R 19/08, G01N 27/406, 27/407, H01M 8/10

(11) WO 2004/088334 (13) A1

(21) PCT/EP2004/003282

(22) 27 Mar/mar 2004 (27.03.2004)

(25) de (26) de

(30) 103 16 117.1 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEASUREMENT OF THE CURRENT DISTRIBUTION/HEAT DISTRIBUTION OF AN ELECTROCHEMICAL ELECTRODE

• MESURE DE LA DISTRIBUTION DE COURANT/REPARTITION DE LA CHALEUR D'UNE ELECTRODE ELECTROCHIMIQUE

(71, 72) KAZ, Till [DE/DE]; Albert-Schäfflestrasse 76, 70186 Stuttgart (DE). SANDER, Heinz [DE/DE]; Schwalbenstrasse 1, 74189 Weinsberg (DE). SCHÖNBAUER, Stefan [DE/DE]; Gutbrodstrasse 12, 70197 Stuttgart (DE).

(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 MN MW MX MZ NA NI NO NZ OM PG PH PL

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

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

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(51)⁷ G01R 29/12

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(30) 2003-089465 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MICROMECHANICAL POTENTIAL SENSOR

• DETECTEUR DE POTENTIEL MICRO-MECANIQUE

(71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP).

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(72, 75) YASUDA, Susumu [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). YAGI, Takayuki [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). USHIJIMA, Takashi [JP/JP]; c/o CANON KABUSHIKI KAISHA 3-30-2, Shimomaruko, Ohta-ku, Tokyo, 1468501 (JP). ZAITSU, Yoshitaka [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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ G01R 29/24

(11) WO 2004/088336 (13) A1

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(22) 25 Mar/mar 2004 (25.03.2004)

- (25) en (26) en
- (30) 2003-092226 **28 Mar/mar 2003 JP**
(**28.03.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ELECTRIC POTENTIAL MEASURING DEVICE USING OSCILLATING DEVICE, IMAGE FORMING APPARATUS, AND ELECTRIC POTENTIAL MEASURING METHOD
- DISPOSITIF DE MESURE D'UN POTENTIEL ELECTRIQUE AU MOYEN D'UN DISPOSITIF OSCILLANT, APPAREIL DE FORMATION D'IMAGE ET PROCEDE DE MESURE D'UN POTENTIEL ELECTRIQUE
- (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) ICHIMURA, Yoshikatsu [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). SHIMADA, Yasuhiro [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). ZAITSU, Yoshitaka [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)⁵ G01R 31/00
- (11) WO 2004/088337 (13) A1
- (21) PCT/JP1994/000748
- (22) 9 May/mai 1994 (09.05.1994)
- (25) ja (26) ja
- (30) 5/242531 **29 Sep/sep 1993 JP**
(**29.09.1993**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ELECTRONIC APPLIANCE SYSTEM
- SYSTEME POUR APPAREIL ELECTRONIQUE
- (71, 72) TANAKA, Shigeo [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141 (JP).
- (74) MATSUKUMA, Hidemori; Shinjuku Building, 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160 (JP).
- (81) US.
- Published / Publiée : (e): 26May/mai 1998
(26.05.1998), 5757777
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- (51)⁷ G01R 31/00
- (11) WO 2004/088338 (13) A1
- (21) PCT/KR2003/001545
- (22) 31 Jul/juil 2003 (31.07.2003)
- (25) ko (26) en
- (30) 10-2003-0021321 **4 Apr/avr 2003 KR**
(**04.04.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • APPARATUS AND METHOD FOR EVALUATING UNDERGROUND ELECTRIC POWER CABLES
- APPAREIL ET PROCEDE POUR L'EVALUATION LES CABLES D'ALIMENTATION ELECTRIQUE SOUTERRAINS
- (71) LG CABLE LTD. [KR/KR]; 159 Samsung-dong, Kangnam-gu, Seoul 135-090 (KR).
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- (72, 75) NAM, Seok-hyun [KR/KR]; B-201 LG Cable Dormitory, 256-20 Gongdan-dong, Gumi-shi, Kyungsangbuk-do 730-030 (KR). LEE, Su-kil [KR/KR]; LG Cable Electric Power Research Lab., 190 Gongdan-dong, Gumi-shi, Kyungsangbuk-do 730-360 (KR).
- (74) AJU PATENT & LAW FIRM; 12th Floor, Poonglim Building, 823-1 Yeoksam-dong, Kangnam-gu, Seoul 135-784 (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)⁷ G01R 31/28
- (11) WO 2004/088339 (13) A1
- (21) PCT/JP2004/004046
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 10/403,817 **31 Mar/mar 2003 US**
(**31.03.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • TEST DEVICE AND TEST METHOD
- APPAREIL ET PROCEDE D'ESSAI
- (71) ADVANTEST CORPORATION [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo, 1790071 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ICHIOYOSHI, Seiji [JP/JP]; c/o ADVANTEST CORPORATION 1-32-1, Asahi-cho Nerima-ku, Tokyo, 1790071 (JP).
- (74) RYUKA, Akihiro; 6F, Toshin Building 24-12, Shinjuku 1-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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01R 31/36
- (11) WO 2004/088340 (13) A1
- (21) PCT/JP2004/003913
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) ja (26) ja
- (30) 2003-97464 **31 Mar/mar 2003 JP**
(**31.03.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • BATTERY STATE MONITORING DEVICE AND ITS METHOD, AND DISCHARGEABLE CAPACITY DETECTING METHOD
- DISPOSITIF DE CONTROLE DE L'ETAT D'UNE BATTERIE ET PROCEDE, ET PROCEDE DE DETECTION DE LA CAPACITE DE DECHARGEMENT
- (71) YAZAKI CORPORATION [JP/JP]; 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ARAI, Youichi [JP/JP]; c/o Yazaki Corporation, 1500, Mishuku, Susono-shi, Shizuoka 410-1194 (JP). MIKAMI, Hiroshi [JP/JP]; c/o Yazaki Corporation, 1500, Mishuku, Susono-shi, Shizuoka 410-1194 (JP).
- (74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo SK Bldg., 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (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)⁷ G01R 31/36
- (11) WO 2004/088341 (13) A1
- (21) PCT/JP2004/003914

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-97472 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR ESTIMATING BATTERY'S DISCHARGE-ABLE CAPACITY

• PROCEDE ET DISPOSITIF D'ESTIMATION DE LA CAPACITE DE DECHARGEMENT D'UNE BATTERIE

(71) YAZAKI CORPORATION [JP/JP]; 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 (JP).

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

(72, 75) ARAI, Youichi [JP/JP]; c/o Yazaki Corporation, 1500, Mishuku, Susono-shi, Shizuoka 410-1194 (JP). ENOMOTO, Michito [JP/JP]; c/o Yazaki Corporation, 1500, Mishuku, Susono-shi, Shizuoka 410-1194 (JP). AMANO, Kenichi [JP/JP]; c/o Yuasa Corporation, 2-3-21, Kosobecho, Takatsuki-shi, Osaka 569-1115 (JP).

(74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo SK Bldg., 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (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 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)⁷ G01R 31/36

(11) WO 2004/088342 (13) A1

(21) PCT/JP2004/003925

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-97463 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BATTERY STATUS MONITORING APPARATUS AND METHOD

• PROCEDE ET APPAREIL DE SURVEILLANCE DE L'ETAT DE BATTERIES

(71) YAZAKI CORPORATION [JP/JP]; 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 (JP).

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(72, 75) ARAI, Yoichi [JP/JP]; c/o Yazaki Corporation, 1500, Mishuku, Susono-shi, Shizuoka 410-1194 (JP). MIYAZAKI, Yoshiya [JP/JP]; c/o Yazaki Corporation, 1500, Mishuku, Susono-shi, Shizuoka 410-1194 (JP).

(74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo SK Bldg., 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (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 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)⁷ G01R 31/36

(11) WO 2004/088343 (13) A1

(21) PCT/JP2004/004651

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-97466 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS AND METHOD FOR DETECTING FULLY CHARGED CONDITION, APPARATUS AND METHOD FOR DETECTING CHARGED CONDITION, AND APPARATUS AND METHOD FOR DETERMINING DEGREE OF DEGRADATION

• APPAREIL ET PROCEDE POUR DETECTER UN ETAT DE CHARGE COMPLETE, APPAREIL ET PROCEDE POUR DETECTER UN ETAT DE CHARGE, ET APPAREIL ET PROCEDE POUR DETERMINER UN DEGRE DE DEGRADATION

(71) YAZAKI CORPORATION [JP/JP]; 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073 (JP).

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

(72, 75) ARAI, Yoichi [JP/JP]; c/o Yazaki Corporation, 1500, Mishuku, Susono-shi, Shizuoka 410-1194 (JP). AMANO, Kenichi [JP/JP]; c/o Yuasa Corporation, 2-3-21, Kosobecho, Takatsuki-shi, Osaka 569-1115 (JP).

(74) TAKINO, Hideo et al. / etc.; 4th Floor, Hiroo SK Bldg., 36-13, Ebisu 2-chome, Shibuya-ku, Tokyo 150-0013 (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 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)⁷ G01R 33/20

(11) WO 2004/088344 (13) A1

(21) PCT/CN2003/000244

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MAGNETIC FIELD GENERATOR FOR MRI AND METHOD OF COVERING MAGNETIC FIELD GENERATOR FOR MRI

• GENERATEUR DE CHAMP MAGNETIQUE POUR IRM ET PROCEDE DE COUVERTURE DE CHAMP MAGNETIQUE POUR IRM

(71) GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY LLC COMPANY, LLC [US/US]; 3000 North Grandview Boulevard, Waukesha, WI 53188 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) YU, Hai [CN/CN]; N° 19 Changjiang Road, Xin District, Wuxi, Jiangsu 214000 (CN). BABA, Misao [JP/CN]; N° 19 Changjiang Road, Xin District, Wuxi, Jiangsu 214000 (CN). CHEN, William, E-wei [US/CN]; N° 19 Changjiang Road, Xin District, Wuxi, Jiangsu 214000 (CN). SHI, Shaohui [CN/CN]; N° 19 Changjiang Road, Xin District, Wuxi, Jiangsu 214000 (CN). CHEN, Ke [CN/CN]; N° 19 Changjiang Road, Xin District, Wuxi, Jiangsu 214000 (CN).

(74) CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (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 ES FI GB GD GE GH GM HR HU ID 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 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ G01R 33/563

(11) WO 2004/088345 (13) A1

(21) PCT/IB2004/050322

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03100848.5 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD OF MAGNETIC RESONANCE PERFUSION IMAGING

• PROCEDE DE VISUALISATION DE PERFUSION PAR RESONANCE MAGNETIQUE

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

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(72, 75) **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).

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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 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)⁷ **G01R 33/565**

(11) **WO 2004/088346** (13) A1

(21) PCT/GB2004/001461

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 0307883.9 **4 Apr/avr 2003 (04.04.2003)** GB

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THORIUM-227 FOR USE IN RADIOTHERAPY OF SOFT TISSUE DISEASE

• CORRECTION DES DISTORSIONS GEOMETRIQUES DANS LES IMAGES PAR RESONANCE MAGNETIQUE

(71) **THE INSTITUTE OF CANCER RESEARCH** [GB/GB]; 123 Old Brompton Road, London, Greater London SW7 3RP (GB). **THE ROYAL MARSDEN NHS TRUST** [GB/GB]; Downs Road, Surrey SM2 5PT (GB).

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(72, 75) **LEACH, Martin, Osmund** [GB/GB]; 24 Blenheim Gardens, Wallington, Surrey SM6 9PP (GB). **REINSBERG, Stefan, Alexander** [DE/GB]; 63 Eastdean Avenue, Epsom, Surrey KT18 7SW (GB). **MOORE, Elizabeth, May** [GB/GB]; 6C Blean Grove, Penge SE20 8QU (GB).

(74) **HACKNEY, Nigel 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).

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(51)⁷ **G01S 3/72**

(11) **WO 2004/088347** (13) A1

(21) PCT/CN2004/000296

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) zh (26) zh

(30) 03121293.X **31 Mar/mar 2003 (31.03.2003)** CN

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR ESTIMATING THE DIRECTION OF ARRIVAL OF FIXATION BEAM IN SPACE

• PROCEDE D'ESTIMATION DE LA DIRECTION DE L'ARRIVEE D'UN FAISCEAU DE FIXATION DANS L'ESPACE

(71) **DA TANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.** [CN/CN]; No.40 Xue Yuan Rd., Hai Dian District, Beijing 100083 (CN).

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(72, 75) **LI, Feng** [CN/CN]; No.40 Xue Yuan Rd., Hai Dian District, Beijing 100083 (CN). **ZOU, Suling** [CN/CN]; No.40 Xue Yuan Rd., Hai Dian District, Beijing 100083 (CN). **KANG, Shaoli** [CN/CN]; No.40 Xue Yuan Rd., Hai Dian District, Beijing 100083 (CN).

(74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No.10 Huayuan-Donglu, Haidian District, Beijing 100083 (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)⁷ **G01S 3/781, H04N 9/28, 13/04, 13/00, G02B 7/04, G06F 17/10**

(11) **WO 2004/088348** (13) A1

(21) PCT/AU2004/000413

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en

(26) en

(30) 2003901528 **31 Mar/mar 2003 (31.03.2003)** AU

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • EYE TRACKING SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE POURSUITE DES YEUX

(71) **SEEING MACHINES PTY LTD** [AU/AU]; Innovations Building, Corner Garren & Eggleston Road, Acton, ACT 2601 (AU).

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

(72, 75) **LONGHURST, Gavin** [AU/AU]; 98 Wybalena Grove, Cook, ACT 2614 (AU). **ROUGEAUX, Sebastian** [FR/AU]; 37 Truc North, 26 Hartley Street, Turner, ACT 2612 (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)⁷ **G01S 5/02, H04B 1/10**

(11) **WO 2004/088349** (13) A1

(21) PCT/AU2004/000419

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 2003901463 **31 Mar/mar 2003 (31.03.2003)** AU

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SYSTEM AND METHOD FOR MULTIPATH MITIGATION USING CLUSTERED POSITIONING SIGNALS

• SYSTEME ET PROCEDE POUR ATTENUER LES TRAJETS MULTIPLES AU MOYEN DE SIGNAUX DE POSITIONNEMENT EN GRAPPES

(71) **LOCATA CORPORATION** [US/US]; 9 Island view, Irvine, CA 92604 (US).

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

(72, 75) **SMALL, David** [AU/AU]; Unit 63, 13-15 Sturt Avenue, Griffith, ACT 2603 (AU).

(74) **SMALL, David**; Locata Corp, 401 Clunies Ross ST, Acton, ACT 2601 (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)⁷ G01S 5/02, 13/87

(11) WO 2004/088350 (13) A1

(21) PCT/EP2004/003509

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 277.6 3 Apr/avr 2003 DE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND ARRANGEMENT FOR
LOCATING PEOPLE

• PROCEDE ET DISPOSITIF POUR LO-
CALISER DES PERSONNES

(71, 72) BRETTSCHEIDER, Peter [DE/DE];
Lindenrainstrasse 14/2, 73312 Geislingen
(DE). PURITSCHER, Erich [DE/DE]; Im
Neuenbühl 12, 71287 Weissach-Flacht (DE).

(74) HANO, Christian et al. / etc.; V. Fün-
er Ebbinghaus Finck Hano, Mariahilfplatz 2 &
3, 81517 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)

(51)⁷ G01S 5/16, G05D 1/02, B63C 7/00

(11) WO 2004/088351 (13) A1

(21) PCT/SE2004/000485

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 0300910-7 31 Mar/mar 2003 SE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR DETER-
MINING A POSITION OF AN UNDER-
WATER VEHICLE RELATIVE TO AN
UNDERWATER OBJECT

• PROCEDE ET DISPOSITIF PERMET-
TANT DE DETERMINER LA POSITION
D'UN VEHICULE SOUS-MARIN PAR
RAPPORT A UN OBJET SOUS-MARIN

(71) KOCKUMS AB [SE/SE]; St. Varvsgatan
11, S-205 55 Malmö (SE).

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les États désignés sauf US)

(72, 75) ERIKSSON, Anders [SE/SE]; Freds-
gatan 4 B, S-222 20 Lund (SE). JOHNSON,
Magnus [SE/SE]; Tornegatan 25, S-212 20
Malmö (SE).

(74) STRÖM, Tore et al. / etc.; Ström & Gulliks-
son IPC AB, P.O. Box 4188, S-203 13 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)⁷ G01S 7/521, B60R 19/48

(11) WO 2004/088352 (13) A1

(21) PCT/EP2004/003484

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 14 862.0 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SENSOR ARRANGEMENT OF A
PARKING AID

• ENSEMBLE CAPTEUR D'UN SYS-
TEME D'AIDE AU STATIONNEMENT

(71) BAYERISCHE MOTORENWERKE AK-
TIENGESELLSCHAFT [DE/DE]; Petuel-
ring 130, 80809 Muenchen (DE).

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

(72, 75) EFFNER, Torben [DE/DE]; Aeussere
Regensburger Strasse 31, 84034 Landshut
(DE).

(74) BAYERISCHE MOTOREN WERKE
AKTIENGESELLSCHAFT; Petuelring
130, 80809 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).

(51)⁷ G01S 13/02, 13/93

(11) WO 2004/088353 (13) A1

(21) PCT/EP2004/001440

(22) 16 Feb/fév 2004 (16.02.2004)

(25) de

(26) de

(30) 103 14 558.3 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADAR COMPRISING A TRANSMIT-
TING OSCILLATOR THAT CAN BE EX-
CITED BY AN EVALUATION OSCIL-
LATOR IN A QUASI-PHASE COHER-
ENT MANNER

• RADAR COMPRENANT UN OSCIL-
LATEUR D'EMISSION POUVANT
ETRE EXCITE PAR UN OSCILLA-
TEUR D'EVALUATION EN MODE
QUASI-PHASE COHERENT

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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les États désignés sauf US)

(71, 72) NALEZINSKI, Martin [DE/DE]; Aur-
bacherstr. 6, 81541 München (DE).

(72, 75) VOSSIEK, Martin [DE/DE]; Theodor-
Bötel-Weg 23, 31139 Hildesheim (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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G01S 13/02

(11) WO 2004/088354 (13) A1

(21) PCT/EP2004/001441

(22) 16 Feb/fév 2004 (16.02.2004)

(25) de (26) de

(30) 103 14 557.5 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPACT LOW POWER CONSUMP-
TION MICROWAVE DISTANCE SEN-
SOR OBTAINED BY POWER MEA-
SUREMENT ON A STIMULATED
RECEIVING OSCILLATOR

• DETECTEUR DE DISTANCE A MI-
CRO-ONDES COMPACT A FAIBLE
PUISSANCE ABSORBEE PAR ME-
SURE DE PUISSANCE SUR UN OS-
CILLATEUR RECEPTEUR STIMULE

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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les États désignés sauf US)

(72, 75) VOSSIEK, Martin [DE/DE];
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KORNBICHLER, Andreas [DE/DE];
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(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 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01S 15/10, 15/52, 15/58, 15/89

(11) WO 2004/088355 (13) A1

(21) PCT/EP2004/050354

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 03 04042 1 Apr/avr 2003 FR (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SIGNAL-PROCESSING METHOD AND ACTIVE SONAR IMPLEMENTING SAME

• PROCEDE DE TRAITEMENT DE SIGNAUX, ET SONAR ACTIF LE METTANT EN OEUVRE

(71) THALES [FR/FR]; THALES, 45, rue de Villiers, F-92200 NEUILLY SUR SEINE (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ALINAT, Pierre [FR/FR]; THALES INTELLECTUAL PROPERTY, 31-33, Avenue Aristide Briand, F-94117 ARCUEIL (FR). BIENVENU, Georges [FR/FR]; THALES INTELLECTUAL PROPERTY, 31-33, Avenue Aristide Briand, F-94117 ARCUEIL (FR).

(74) NGUYEN VAN YEN, Christian et al. / etc.; THALES INTELLECTUAL PROPERTY, 31-33, Avenue Aristide Briand, F-94117 ARCUEIL (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 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)⁷ G01S 17/08, 7/481, 7/497, G02B 7/182

(11) WO 2004/088356 (13) A1

(21) PCT/DE2003/004069

(22) 10 Dec/déc 2003 (10.12.2003)

(25) de (26) de

(30) 103 14 772.1 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR ADJUSTING AN OPTICAL MIRROR

• DISPOSITIF POUR REGLER UN MIROIR OPTIQUE

(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) STIERLE, Joerg [DE/DE]; Beethovenstrasse 36, 71111 Waldenbuch (DE). WOLF, Peter [DE/DE]; Sandweg 23, 70771 Leinfelden-Echterdingen (DE). RENZ, Kai [DE/DE]; Keltenstr. 6, 70771 Leinfelden-Echterdingen (DE). SCHULTE, Clemens [DE/DE]; Reinsburgstrasse 96, 70197 Stuttgart (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 30, 70442 Stuttgart (DE).

(81) CN 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)⁷ G01S 17/08, G02B 7/02

(11) WO 2004/088357 (13) A1

(21) PCT/DE2003/004070

(22) 10 Dec/déc 2003 (10.12.2003)

(25) de (26) de

(30) 103 14 774.8 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEASURING DEVICE, ESPECIALLY A LASER DISTANCE MEASUREMENT DEVICE, FOR CONTACT-LESS DISTANCE MEASUREMENT

• APPAREIL DE MESURE DE DISTANCE SANS CONTACT, NOTAMMENT TELEMETRE LASER

(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) STIERLE, Joerg [DE/DE]; Beethovenstr. 36, 71111 Waldenbuch (DE). WOLF, Peter [DE/DE]; Sandweg 23, 70771 Leinfelden-Echterdingen (DE). RENZ, Kai [DE/DE]; Keltenstr. 6, 70771 Leinfelden-Echterdingen (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 03 30, 70442 Stuttgart (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 RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G01V 1/36

(11) WO 2004/088358 (13) A1

(21) PCT/US2004/008783

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/400,166 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTI-STEP RECEIVER-MOTION COMPENSATION

• COMPENSATION D'UN MOUVEMENT RECEPTEUR MULTI ETAPE

(71) WESTERNGECO, L.L.C. [US/US]; 10001 Richmond Avenue, Houston, TX 77042 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MACKAY, Scott, William [US/US]; 5730 Morton Road, Alpharetta, GA 30022 (US).

(74) PATTERSON, William, B. et al. / etc.; Moser, Patterson & Sheridan LLP, 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 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).

Published / Publiée : (c)

(51)⁷ G02B

(11) WO 2004/088359 (13) A2

(21) PCT/IL2004/000283

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 155195 2 Apr/avr 2003 IL (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A DEVICE AND A METHOD FOR INTEGRATED MULTI-CHANNEL MEMS VARIABLE OPTICAL ATTENUATORS

• DISPOSITIF ET PROCEDE DE PRODUCTION D'ATTENUATEURS OPTIQUES VARIABLES DE TYPE MEMS MULTI-CANAUX INTEGRES

(71) BLUEBIRD OPTICAL MEMS LTD. [IL/IL]; 10 Bluebird St., Isfiya, 30090 (IL). OZ OPTICS LTD. [CA/CA]; 219 Westbrook Road, Carp, Ontario K0A 1L0 (CA). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) JACOBSON, Claudio G. [IL/IL]; 86 HaBrosh Street, Binyamina, 30500 (IL). NEMIROVSKY, Amikam [IL/IL]; 7 Golda Meir Street, Haifa, 34982 (IL). SEZERMAN, Omur [CA/CA]; 18 Tanner Street, Crescent, Kanata, Ontario K2K 2M7 (CA). KALDOR, Shmuel [IL/IL]; 2/19 Kashtan Street, Haifa, 34984 (IL). SIDOROV, Elena [IL/IL]; 27 Adam HaCohen Street, Haifa, 32714 (IL).

(74) LANGER, Edward; SHIBOLETH, YISRAELI, ROBERTS, ZISMAN & CO., 46 Montefiore St., Tel-Aviv, 65201 (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)⁷ G02B

(11) WO 2004/088360 (13) A2

(21) PCT/KR2004/000783

(22) 3 Apr/avr 2004 (03.04.2004)

(25) en (26) en

(30) 10-2003-0021442 4 Apr/avr 2003 KR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRACKING RESISTANT RESIN COM-
POSITION AND CABLE USING THE
SAME

• COMPOSITION DE RESINE RE-
SISTANTE AU CHEMINEMENT ET
CABLE METTANT EN OEUVRE UNE
TELLE COMPOSITION

(71) LG CABLE LTD. [KR/KR]; 20,
Yoido-Dong, Yongdungpo-Ku, Seoul
150-010 (KR).

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

(72) LEE, Jung Hee; 405-105, Shindonga
Apt., Sadang-dong, Dongjak-gu, Seoul
156-090 (KR). SOE, Il Gun; 614-1507,
Saetbyeol Apt., 1109-6, Bisan-dong Don-
gan-gu, Anyang-si, Gyeonggi-do 431-050
(KR). HWANG, Sun Ho; 105-1101, Min-
deulrae Apt., 388-1, Ojeon-dong Uiwang-si,
Gyeonggi-do 437-070 (KR).

(74) SOHN, Eun Jin; Eun Jin Sohn Patent & Law
Office, 1F., Yeoksam P-Bldg., 824-17, Yeok-
sam-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 KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

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

(51)⁷ G02B

(11) WO 2004/088361 (13) A2

(21) PCT/US2004/010152

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,543 31 Mar/mar 2003 US
(31.03.2003)

(30) 60/476,600 6 Jun/juin 2003 US
(06.06.2003)

(30) 60/514,769 27 Oct/oct 2003 US
(27.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SPECKLE REDUCTION IN OPTICAL
COHERENCE TOMOGRAPHY BY
PATH LENGTH ENCODED ANGULAR
COMPOUNDING

• REDUCTION DE GRANULARITE
DANS LA TOMOGRAPHIE PAR CO-
HERENCE OPTIQUE AU MOYEN
D'UNE COMPOSITION ANGULAIRE
PAR CODAGE DE LONGUEUR DE
TRAJET

(71) THE GENERAL HOSPITAL CORPO-
RATION [US/US]; 55 Fruit Street, Boston,
MA 02114 (US).

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(72, 75) TEARNEY, Guillermo, J. [US/US];
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(US). IFTIMIA, NicusorBOUMA, Brett,
E. [US/US]; 12 Monmouth St., Quincy, MA
02171 (US).

(74) ABELEV, Gary; Baker Botts LLP, 30 Rock-
efeller 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)⁷ G02B

(11) WO 2004/088362 (13) A2

(21) PCT/US2004/009693

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,917 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEANS OF COMPENSATION TO IN-
CREASE THE CONTRAST RATIO OF
LCoS BASED VIDEO PROJECTION
SYSTEMS

• MOYEN DE COMPENSATION DES-
TINE A AUGMENTER LE RAPPORT
DE CONTRASTE DE SYSTEMES DE
PROJECTION VIDEO A BASE DE
LCoS

(71) LIGHTMASTER SYSTEMS, INC.
[US/US]; 2901 Tasman Drive, Suite 204,
Santa Clara, CA 95054 (US).

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

(72, 75) BERMAN, Arthur [US/US]; 5635
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(74) CARPENTER, John, W.; Reed Smith LLP,
Two Embarcadero Center, Suite 2000, San
Francisco, CA 94111-4106 (US).

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

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

(51)⁷ G02B 1/00, G03F 7/20

(11) WO 2004/088363 (13) A1

(21) PCT/PT2003/000004

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MASKLESS OPTICAL INTERFERO-
METRIC LITHOGRAPHY

• LITHOGRAPHIE INTERFEROME-
TRIQUE SANS MASQUE OPTIQUE

(71) IMPRENSA NACIONAL CASA DA
MOEDA, S.A. [PT/PT]; Av. António José
de Almeida, 1000-136 Lisboa (PT). INSTI-
TUTO NACIONAL DE ENGENHARIA
E TECNOLOGIA INDUSTRIAL [PT/PT];
Estrada Do Paço Do Lumiar, 22, 1649-038
Lisboa (PT).

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

(72, 75) NUNES VICENTE REBORDÃO,
José, Manuel [PT/PT]; Alameda das Acá-
cias, n°6, P-2665-381 Milharado (PT).
PEREIRA CABRAL, Alexandre [PT/PT];
Rua República da Bolívia, n° 30-2°Dt.,
P-1500-547 Lisboa (PT).

(74) PEREIRA DA CRUZ, João; Rua Victor
Cordon, 14, P-1249-103 Lisboa (PT).

(81) AE AG AL 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)⁷ G02B 1/11

(11) WO 2004/088364 (13) A1

(21) PCT/JP2004/004361

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-093660 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL FILM

• FILM OPTIQUE

(71) LINTEC CORPORATION [JP/JP]; 23-23, Hon-cho, Itabashi-ku, Tokyo 173-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHOSHI, Satoru [JP/JP]; 1459-1-405, Fukuroyama, Koshigaya-shi, Saitama 343-0032 (JP). ONOZAWA, Yutaka [JP/JP]; 2180-10, Matoba, Kawagoe-shi, Saitama 350-1101 (JP).

(74) UCHIYAMA, Mitsuru; TSI Sudacho Building 8F, 4-1, Kandasudacho 1-chome, Chiyoda-ku, Tokyo 101-0041 (JP).

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

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

(51)⁷ G02B 5/128, B60R 13/10

(11) WO 2004/088365 (13) A1

(21) PCT/DE2004/000710

(22) 2 Apr/avr 2004 (02.04.2004)

(25) de (26) de

(30) 103 15 092.7 2 Apr/avr 2003 DE (02.04.2003)

(30) 103 56 297.4 28 Nov/nov 2003 DE (28.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LUMINESCENT MOTOR VEHICLE LICENSE PLATE

• PLAQUE MINÉRALOGIQUE DE VÉHICULE LUMINESCENTE

(71) ERICH UTSCH AG [DE/DE]; Marienhütte 49, Industriegebiet Marienhütte, 57080 Siegen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WURMBACH, Lothar [DE/DE]; Friedberger Strasse 4, 57074 Siegen (DE).

(74) VORBERG, Jens et al. / etc.; Lindenallee 43, 50968 Köln (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)⁷ G02B 5/30, G02F 1/13363, 1/1335

(11) WO 2004/088366 (13) A1

(21) PCT/JP2004/003718

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-094605 31 Mar/mar 2003 JP (31.03.2003)

(30) 2003-365759 27 Oct/oct 2003 JP (27.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PRODUCING WIDE-BAND CHOLESTERIC LIQUID CRYSTAL FILM, CIRCULAR POLARIZATION PLATE, LINEAR POLARIZER, LIGHTING APPARATUS AND LIQUID CRYSTAL DISPLAY

• PROCEDE DE PRODUCTION D'UN FILM A CRISTAUX LIQUIDES CHOLESTERIQUES A LARGE BANDE, PLAQUE DE POLARISATION CIRCULAIRE, POLARISEUR LINEAIRE, APPAREIL D'ECLAIRAGE ET AFFICHEUR A CRISTAUX LIQUIDES

(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) FUKUOKA, Takahiro, [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP). HARA, Kazutaka, [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP). SHIRAOGAWA, Miki, [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP). TAKAHASHI, Naoki, [JP/JP]; c/o NITTO DENKO CORPORATION, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka, 5678680 (JP). TAKEDA, Kentarou, [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G02B 5/30, G02F 1/13363, 1/1335

(11) WO 2004/088367 (13) A1

(21) PCT/JP2004/003791

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-093963 31 Mar/mar 2003 JP (31.03.2003)

(30) 2003-390276 20 Nov/nov 2003 JP (20.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PRODUCING WIDE-BAND CHOLESTERIC LIQUID CRYSTAL FILM, CIRCULAR POLARIZATION PLATE, LINEAR POLARIZER, LIGHTING APPARATUS AND LIQUID CRYSTAL DISPLAY

• PROCEDE DE PRODUCTION D'UN FILM A CRISTAUX LIQUIDES CHOLESTERIQUES A LARGE BANDE, PLAQUE DE POLARISATION CIRCULAIRE, POLARISEUR LINEAIRE, APPAREIL D'ECLAIRAGE ET DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES

(71) NITTO DENO 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) FUKUOKA, Takahiro [JP/JP]; c/o Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 5678680 (JP). SHIRAOGAWA, Miki [JP/JP]; c/o Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 5678680 (JP). TAKEDA, Kentarou [JP/JP]; c/o Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 5678680 (JP). TAKAHASHI, Naoki [JP/JP]; c/o Nitto Denko Corporation, 1-1-2, Shimohozumi, Ibaraki-shi, Osaka 5678680 (JP). HARA, Kazutaka [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G02B 5/30, 1/10, G02F 1/1335

(11) WO 2004/088368 (13) A1

(21) PCT/JP2004/004188

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en

(26) en

- (30) 2003-091770 **28 Mar/mar 2003** JP
(**28.03.2003**)
- (30) 2003-341323 **30 Sep/sep 2003** JP
(**30.09.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • POLARIZING PLATE AND MANUFACTURING METHOD THEREOF, AND IMAGE DISPLAY DEVICE
• PLAQUE DE POLARISATION ET SON PROCEDE DE FABRICATION, ET AFFICHEUR D'IMAGE
- (71) FUJI PHOTO FILM CO., LTD. [JP/JP]; 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAKAMURA, Kazuhiro [JP/JP]; c/o Fuji Photo Film Co., LTD., 210, Nakanuma, Minami-Ashigara-shi, Kanagawa 250-0123 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 5/30, 1/11, G02F 1/1335, B32B 7/02
- (11) WO 2004/088370 (13) A1
- (21) PCT/JP2004/004241
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-097031 **31 Mar/mar 2003** JP
(**31.03.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROTECTIVE FILM FOR POLARIZING PLATE, METHOD FOR PREPARATION THEREOF, POLARIZING PLATE WITH ANTIREFLECTION FUNCTION, AND OPTICAL ARTICLE
• FILM PROTECTEUR POUR PLAQUE DE POLARISATION, SON PROCEDE DE PREPARATION, PLAQUE DE POLARISATION A FONCTION ANTIREFLET ET ARTICLE OPTIQUE
- (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) YOSHIWARA, Masanori [JP/JP]; c/o ZEON CORPORATION 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008323 (JP). TOYOSHIMA, Tetsuya [JP/JP]; c/o ZEON CORPORATION 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008323 (JP). YOSHITOMI, Yasumasa [JP/JP]; c/o ZEON CORPORATION 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, 1008323 (JP).
- (74) OHISHI, Haruhito; Sanshin-Hirose Bldg., 5F 6-1, Uchikanda 3-chome, Chiyoda-ku, Tokyo, 1010047 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 5/30, 1/11, G02F 1/1335, B32B 7/02
- (11) WO 2004/088369 (13) A1
- (21) PCT/JP2004/004222
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) ja (26) ja
- (30) 2003-096180 **31 Mar/mar 2003** JP
(**31.03.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • POLARIZATION PLATE PROTECTION FILM
• FILM PROTECTEUR POUR PLAQUE POLARISANTE
- (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) YOSHITOMI, Yasumasa, [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome Chiyoda-ku Tokyo, 1008323 (JP). TOYOSHIMA, Tetsuya, [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome Chiyoda-ku Tokyo, 1008323 (JP). YOSHIHARA, Masanori, [JP/JP]; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome Chiyoda-ku Tokyo, 1008323 (JP).
- (74) UCHIYAMA, Mitsuru; TSI Sudacho Building 8F 4-1, Kandasudacho 1-chome Chiyoda-ku Tokyo, 1010041 (JP).
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) de (26) de
- (30) A 529/2003 **4 Apr/avr 2003** AT
(**04.04.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR PRODUCING TELECOMMUNICATION CABLES
• PROCEDE DE PRODUCTION DE CABLES DE TELECOMMUNICATION
- (71, 72) POPP, Gernot [AT/AT]; Meidlinger Hauptstrasse 74/15, A-1120 Wien (AT).
- (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).
-
- (51)⁷ G02B 6/00, G09G 3/34, G09F 13/04
- (11) WO 2004/088372 (13) A1
- (21) PCT/DE2004/000670
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) de (26) de
- (30) 103 14 525.7 **31 Mar/mar 2003** DE
(**31.03.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR THE PRODUCTION OF AN ILLUMINATION DEVICE AND ILLUMINATION DEVICE
• PROCEDE DE FABRICATION D'UN DISPOSITIF D'ECLAIRAGE ET DISPOSITIF D'ECLAIRAGE
- (71) OSRAM OPTO SEMICONDUCTORS GMBH [DE/DE]; Wernerwerkstrasse 1, 93049 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BEIL, Jürgen [DE/DE]; Hohenfelser Strasse 7, 92331 Parsberg (DE). LEX, Wolfgang [DE/DE]; Frühlingstrasse 52, 93092 Barbing (DE). STICH, Andreas [DE/DE]; Dr.-Leo-Ritter-Str. 21, 93049 Regensburg (DE).
- (74) EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; Rüdlerstrasse 55, 80339 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).

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(51)⁷ G02B 6/12, 6/34

(11) WO 2004/088373 (13) A1

(21) PCT/IL2004/000298

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/406,794 3 Apr/avr 2003 US (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTEGRATED OPTICAL FILTERS UTILIZING RING RESONATORS

• FILTRES OPTIQUES INTEGRES UTILISANT DES RESONATEURS EN ANNEAU

(71) LAMBDA CROSSING LTD. [IL/IL]; 3 Shoham Street, North Industrial Park, P.O.Box 3028, 38900 Caesaria (IL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SCHEUER, Jacob [IL/IL]; 7 Alter Mihud St., 49335 Petach Tikva (IL). MAR-GALIT, Moti [IL/IL]; 21 Hashita Street, 30900 Zichron Yaaqov (IL).

(72, 75) BORTMAN-ARBIV, Daphna [IL/IL]; 26 Tashach Street, 30900 Zichron Yaacov (IL).

(74) REINHOLD COHN AND PARTNERS; P.O. Box 6040, 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G02B 6/12

(11) WO 2004/088374 (13) A1

(21) PCT/JP2004/004456

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-090776 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL WAVEGUIDE CIRCUIT COMPONENT AND PRODUCTION METHOD THEREFOR

• COMPOSANT DE CIRCUIT A GUIDE D'ONDE OPTIQUE ET PROCEDE DE PRODUCTION

(71) NHK SPRING CO., LTD. [JP/JP]; 3-10, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa 2360004 (JP).

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(72, 75) TAKAHASHI, Fumio [JP/JP] YOSHINO, Fumitaka [JP/JP] TERADA, Yusuke [JP/JP] NAT-SUME, Yutaka [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G02B 6/12

(11) WO 2004/088375 (13) A1

(21) PCT/JP2004/004711

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-093209 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SILICON SUBSTRATE AND METHOD OF FORMING THE SAME

• SUBSTRAT DE SILICIUM ET PROCEDE DE FORMATION DE CE DERNIER

(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)

(71, 72) NAGATA, Seichi [JP/JP]; 6-2, 7-Chome, Hikaridai, Seika-Cho, Souraku-Gun, Kyoto, 6190237 (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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G02B 6/12

(11) WO 2004/088376 (13) A1

(21) PCT/US2004/009481

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,508 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIELECTRIC-IN-DIELECTRIC DAMASCENE PROCESS FOR MANUFACTURING PLANAR WAVEGUIDES

• PROCEDE DE DAMASQUINAGE DIELECTRIQUE-DANS-DIELECTRIQUE POUR LA FABRICATION DE GUIDES D'ONDES PLATS

(71) CABOT MICROELECTRONICS CORPORATION [US/US]; 870 North Commons Drive, Aurora, IL 60504 (US).

(72) MIKOLAS, David, G.; c/o Legal Department, Cabot Microelectronics Corp., 870 North Commons Drive, Aurora, IL 60504 (US).

(74) TURNER-BRIM, Phyllis, T. et al. / etc.; Associate General Counsel, Intellectual Property, Cabot Microelectronics Corporation, 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).

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(51)⁷ G02B 6/16

(11) WO 2004/088377 (13) A1

(21) PCT/EP2003/003361

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MICROSTRUCTURED OPTICAL FIBRE

• FIBRE OPTIQUE MICROSTRUCTUREE

(71) PIRELLI & C. S.p.A. [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).

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(72, 75) GAMBIRASIO, Alfredo [IT/IT]; PIRELLI CAVI E SISTEMI TELECOM S.p.A., Viale Sarca, 222, I-20126 Milano

- (IT). **TASSONE, Francesco, Maria** [IT/IT]; PIRELLI CAVI E SISTEMI TELECOM S.p.A., Viale Sarca, 222, I-20126 Milano (IT). **TRAVAGNIN, Martino** [IT/IT]; PIRELLI CAVI E SISTEMI TELECOM S.p.A., Viale Sarca, 222, I-20126 Milano (IT).
- (74) **GIANNESI, Simona et al.** / etc.; Porta, Checcacci & Associati S.p.A., Via Trebbia, 20, I-20135 Milano (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 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).
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- (51)⁷ **G02B 6/38, C09J 7/02**
- (11) **WO 2004/088379** (13) A1
- (21) PCT/EP2004/002772
- (22) **17 Mar/mar 2004 (17.03.2004)**
- (25) de (26) de
- (30) 103 14 843.4 **1 Apr/avr 2003 DE (01.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **SPLICE PROTECTION FOR OPTICAL FIBRES COMPRISING A SUPPORTING FILM AND DEVICE FOR APPLYING THE SPLICE PROTECTION TO SAID OPTICAL FIBRE**
- **PROTECTION DES EPISSURES POUR DES CONDUCTEURS OPTIQUES COMPRENANT UNE PLAQUE SUPPORT ET DISPOSITIF POUR PLACER LADITE PROTECTION SUR LE CONDUCTEUR OPTIQUE**
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
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- (72, 75) **THEISINGER, Bernhard** [DE/DE]; Siedlerstrasse 22a, 85614 Kirchseon (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).
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- (51)⁷ **G02B 6/42**
- (11) **WO 2004/088380** (13) A2
- (21) PCT/US2004/009383
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/457,664 **26 Mar/mar 2003 US (26.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **WAFER BASED OPTICAL CHASSIS AND ASSOCIATED METHODS**
- **CHASSIS OPTIQUE MONTE SUR PLAQUETTE ET PROCEDES ASSOCIES**
- (71) **DIGITAL OPTICS CORPORATION** [US/US]; 9815 David Taylor Drive, Charlotte, NC 28262 (US).
- (72, 75) **KATHMAN, Alan, D.** [US/US]; 4700 Lone Tree Lane, Charlotte, NC 28269 (US). **MORRIS, James, E.** [US/US]; 4545 Sugarberry Drive, Apt. 928, Charlotte, NC 28269 (US). **HAMMOND, John, Barnett** [US/US]; 12241 Daniel Christina Court, Charlotte, NC 28216 (US). **FELDMAN, Michael, R.** [US/US]; 8538 Camberly Road, Huntersville, NC 28078 (US).
- (74) **MORSE, Susan**; Lee & Sterba, P.C., 1101 Wilson Boulevard, Suite 2000, Arlington, VA 22209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G02B 6/42, H05K 9/00, H01R 23/68, 13/658**
- (11) **WO 2004/088381** (13) A1
- (21) PCT/US2004/009494
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 60/459,093 **31 Mar/mar 2003 US (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **SHIELDING CAGE WITH MULTIPLE MODULE-RECEIVING BAYS**
- **CAGE BLINDEE COMPRENANT PLUSIEURS SUPPORTS DE MODULES**
- (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) **LLOYD, Brian, Keith**; 11 Hornrimme Court, Maumelle, AR 72113 (US). **CRANE, John, Reginald**; 19348 Crane Drive, Little Rock, AR 72206 (US).
- (74) **PAULIUS, Thomas, D.**; Molex Incorporated, 222 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).

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

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(51)⁷ G02B 6/44

(11) WO 2004/088382 (13) A1

(21) PCT/GB2004/001370

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0307394.7 31 Mar/mar 2003 GB (31.03.2003)

(30) 0322490.4 25 Sep/sep 2003 GB (25.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL FIBER CABLE DISTRIBUTION FRAME

• REPARTITEUR DE CABLES A FIBRE OPTIQUE

(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, Greater London, London EC1A 7AJ (GB).

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(72, 75) BARKER, Philip, Alfred [GB/GB]; 58 Meadowlands, Kirton, Ipswich, Suffolk IP10 0PP (GB). KERRY, John [GB/GB]; 4 The Grove, Martlesham Heath, Ipswich, Suffolk IP5 3UZ (GB). TAYLOR, Christopher, Charles [GB/GB]; 29 Haycroft Close, Bishops Cleeve, Cheltenham, Gloucestershire GL52 8SR (GB).

(74) ROBERTS, Simon, Christopher; BT Group Legal Intellectual Property Department, PP: C5A, BT Centre, 81 Newgate Street, Greater London, London EC1A 7AJ (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)⁷ G02B 7/00, 7/02

(11) WO 2004/088383 (13) A1

(21) PCT/US2004/008703

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/403,183 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ADJUSTABLE LENS MOUNT

• MONTURE POUR LENTILLE REGLABLE

(71) BAUSCH & LOMB INCORPORATED [US/US]; One Bausch & Lomb Place, Rochester, NY 14604-2701 (US).

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(72, 75) BENTLEY, Joseph, R. [US/US]; 7208 S. Woodgreen Road, West Jordan, UT 84084 (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).

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(51)⁷ G02B 7/02

(11) WO 2004/088384 (13) A1

(21) PCT/JP2004/003869

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-089711 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LENS HOLDING DEVICE, LENS-BARREL, AND IMAGING DEVICE

• DISPOSITIF DE MAINTIEN DE LENTILLE D'OBJECTIF, BARILLET D'OBJECTIF ET DISPOSITIF D'IMAGERIE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

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(72, 75) MAKII, Tatsuo [JP/JP] AOKI, Nobuaki [JP/JP] IMAI, Satoshi [JP/JP] OGIIYAMA, Hiroto [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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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 2004/088385 (13) A2

(21) PCT/US2004/009154

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,428 25 Mar/mar 2003 US (25.03.2003)

(30) 10/809,198 25 Mar/mar 2004 US (25.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL DEVICE WITH LENS POSITIONING AND METHOD OF MAKING THE SAME

• DISPOSITIF OPTIQUE A POSITIONNEMENT DE LENTILLE ET PROCEDE DE FABRICATION ASSOCIE

(71) PRECISION OPTICS CORPORATION, INC. [—/US]; 22 East Broadway, Gardner, MA 01440-3338 (US). FORKEY, Richard, E. [US/US]; 175 East Road, Westminster, MA 01473 (US).

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(72) BARNES, William, P., Jr.; 15 Whittier Driver, Acton, MA 01720 (US). ROSS, Robert, N.; 563 Whitney Street, Gardner, MA 01440 (US). FORKEY, Joseph, N.; 57 Hickory Drive, Princeton, MA 01541 (US).

(74) HERBSTER, George, A.; 40 Beach Street, Suite 303, 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)⁷ G02B 13/00, 21/02, G01N 21/17

(11) WO 2004/088386 (13) A1

(21) PCT/JP2004/003734

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-078819 20 Mar/mar 2003 JP (20.03.2003)

(30) 2003-146620 23 May/mai 2003 JP (23.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SOLID IMMERSION LENS, AND SAMPLE OBSERVING METHOD USING IT

• LENTILLE A IMMERSION SOLIDE, ET PROCEDE D'OBSERVATION D'UN

ECHANTILLON AU MOYEN DE
CETTE LENTILE

(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) ARATA, Ikuo [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP). TERADA, Hirotoshi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka, 4358558 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; Soci 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).

(51)⁷ G02B 21/16, 21/06, 21/00

(11) WO 2004/088387 (13) A1

(21) PCT/IB2004/000976

(22) 31 Mar/mar 2004 (31.03.2004)

(25) it (26) en

(30) MI2003A000650 2 Apr/avr 2003 IT (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LIGHTING ASSEMBLY FOR A LUMINESCENCE ANALYSIS APPARATUS, IN PARTICULAR A FLUORESCENCE MICROSCOPE, AND LUMINESCENCE ANALYSIS APPARATUS EQUIPPED WITH SUCH A LIGHTING ASSEMBLY

• ENSEMBLE D'ECLAIRAGE POUR APPAREIL D'ANALYSE PAR LUMINESCENCE, NOTAMMENT UN MICROSCOPE A FLUORESCENCE, ET APPAREIL D'ANALYSE PAR LUMINESCENCE EQUIPE D'UN TEL ENSEMBLE D'ECLAIRAGE

(71) FRAEN CORPORATION S.R.L. [IT/IT]; Via Senato, 20, I-20121 Milano (IT).
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(72, 75) ANGELINI, Marco [IT/IT]; Via Milano, 20, I-27021 Bereguardo (IT). BARALDO, Natale [IT/IT]; Via San Martino, 22/a, I-20037 Paderno Dugnano (IT). BIGLIATI, Claudia [IT/IT]; Via Montenero, 18, I-13039 Trino (IT). SCODES, Luca [IT/IT]; Via Mazzini, 90, I-20079 Sant'Angelo Lodigiano (IT).

(74) JORIO, Paolo et al. / etc.; 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).

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(51)⁷ G02B 26/06, 5/10, 7/18

(11) WO 2004/088388 (13) A1

(21) PCT/JP2004/004430

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-092987 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEFORMABLE MIRROR DEVICE

• DISPOSITIF A MIROIR DEFORMABLE

(71) EVOLVABLE SYSTEMS RESEARCH INSTITUTE INC. [JP/JP]; 1-13, Hamamatsu-cho 2-chome Minato-ku Tokyo, 1050013 (JP). 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) ITATANI, Taro [JP/JP]; National Institute Of Advanced Industrial Science And Technology Tsukuba Central 2, 1-1, Umezono 1-chome Tsukuba-shi Ibaraki, 3058568 (JP). MATSUNAWA, Tetsuaki [JP/JP]; Evolvable Systems Research Institute, Inc. 1-13, Hamamatsucho 2-chome Minato-ku Tokyo, 1050013 (JP).

(74) KUBOTA, Naoki et al. / etc.; Kubota Tokkyo-jimusho 3101-10, Okuramachi, Machida-shi, Tokyo, 1950062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ G02B 26/06, 5/10, 7/18

(11) WO 2004/088389 (13) A1

(21) PCT/JP2004/004438

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-092986 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEFORMABLE MIRROR DEVICE

• DISPOSITIF DE MIROIR DEFORMABLE

(71) EVOLVABLE SYSTEMS RESEARCH INSTITUTE INC. [JP/JP]; 1-13, Hamamatsu-cho 2-chome Minato-ku Tokyo, 1050013 (JP). 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) ITATANI, Taro [JP/JP]; National Institute Of Advanced Industrial Science And Technology Tsukuba Central 2, 1-1, Umezono 1-chome Tsukuba-shi Ibaraki, 3058568 (JP). MATSUNAWA, Tetsuaki [JP/JP]; Evolvable Systems Research Institute, Inc. 1-13, Hamamatsucho 2-chome Minato-ku Tokyo, 1050013 (JP).

(74) KUBOTA, Naoki et al. / etc.; Kubota Tokkyo-jimusho 3101-10, Okuramachi, Machida-shi, Tokyo, 1950062 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ G02B 26/08

(11) WO 2004/088390 (13) A1

(21) PCT/JP2003/004147

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LIGHT DIFFRACTION DEVICE

• DISPOSITIF DE DIFFRACTION DE LUMIERE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) KITAMI, Kiichiro [JP/JP]; c/o FUJITSU HIGASHI-NIHON DIGITAL TECHNOLOGY LIMITED, 3-1, Nishi 4-chome, Kita 7-jo, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (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)⁷ G02B 26/10, G06K 7/10

(11) WO 2004/088391 (13) A1

(21) PCT/CN2004/000282

(22) 30 Mar/mar 2004 (30.03.2004)

(25) zh (26) zh

(30) 03242780.8 31 Mar/mar 2003 CN
(31.03.2003)

(30) 03264455.8 18 Jun/juin 2003 CN
(18.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BOOKS DISMARGIN SCANNER
• SCANNER POUR LIVRES

(71) BEIJING STARSHINE TONGYUAN
DIGITAL SYSTEM CO. LTD [CN/CN];
4-1206 Changyuantian Plaza, 18# Suzhou
Ave., Haidian District, Beijing 100080 (CN).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JIANG, Qiang [CN/CN]; #9-101 No.
12 Haiyuncang Xiaogu, Dongcheng District,
Beijing 100007 (CN).

(74) BEIJING BEIXIN-ZHICHENG INTEL-
LECTUAL PROPERTY AGENT CO.,
LTD; No. 16 Xizhimen Nandajie, Xicheng
District, Beijing 100035 (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G02C 7/08

(11) WO 2004/088392 (13) A1

(21) PCT/EP2004/003311

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 15 197.4 3 Apr/avr 2003 DE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TELESCOPE MAGNIFYING SPECTA-
CLES

• LUNETTES-LOUPES DU TYPE
LONGUE-VUE

(71) CARL ZEISS [DE/DE]; 89518 Heidenheim
(DE).

(only for / seulement pour AT BE BG CH CY
DE DK EE ES FI FR NL PT RO SE SI SK TR)

(71) CARL-ZEISS-STIFTUNG trading as
CARL ZEISS [DE/DE]; 89518 Heidenheim
(DE).

(for all designated States except / pour tous
les États désignés sauf AT BE BG CH CY DE
DK EE ES FI FR NL PT RO SE SI SK TR US)

(72, 75) VOLKENANDT, Harald [DE/DE];
In den Beckenwiesen 16/3, 73432 Aalen
(DE). HANSSEN, Adalbert [DE/DE];
Beethovenstrasse 9, 89551 Königsbronn
(DE). WURSCHE, Norbert [DE/DE];
Weissdornweg 16, 73431 Aalen (DE).

(74) LORENZ, Werner; Lorenz & Kollegen,
Alte Ulmer Strasse 2, 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 DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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 DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO 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)

(t) for all designations / pour toutes les
désignations

(51)⁷ G02C 9/00

(11) WO 2004/088393 (13) A1

(21) PCT/SG2004/000081

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 200301906-4 4 Apr/avr 2003 SG
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN ATTACHMENT DEVICE FOR AN
EYEWEAR FRAME ARRANGEMENT

• DISPOSITIF DE FIXATION POUR UN
DISPOSITIF DE MONTURE DE LU-
NETTES

(71, 72) HO, Kin, Loong [SG/SG]; Blk 295
Punggol Central, #05-517, Singapore 820295
(SG).

(74) LEE, Ai, Ming; 80 Raffles Place, #33-00
UOB Plaza 1, Singapore 048624 (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)⁷ G02F

(11) WO 2004/088394 (13) A2

(21) PCT/US2004/008814

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/457,242 25 Mar/mar 2003 US
(25.03.2003)

(30) 10/795,748 8 Mar/mar 2004 US
(08.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HIGH-SPEED SILICON-BASED ELEC-
TRO-OPTIC MODULATOR

• MODULATEUR ELECTRO-OPTIQUE
A VITESSE ELEVEE A BASE DE SILI-
CIUM

(71) SIOPTICAL, 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) MONTGOMERY, Robert, Keith; 810
Howe Street, Easton, PA 18040 (US). GH-
IRON, Margaret; 1875 Sherwood Road,
Allentown PA 18103 (US). GOTHOSKAR,
Prakash; 6749 Windermere Court, Allen-
town, PA 18104 (US). PATEL, Vipulkumar;
607 Falcongate Drive, Monmouth Junction,
NJ 08852 (US). SHASTRI, Kalpendu;
5529 Willow Way, Orefield, PA 18069 (US).
PATHAK, Soham; 6099 Palomino Drive,
Allentown, PA 18106 (US). YANUSHEF-
SKI, Katherine, A.; 7487 Stein Road,
Zionsville, PA 18092 (US).

(74) KOB, 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)⁷ G02F

(11) WO 2004/088395 (13) A2

(21) PCT/US2004/009198

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/320,059 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRO-OPTIC ASSEMBLIES
• ENSEMBLES ELECTRO-OPTIQUES

(71) E INK CORPORATION [US/US]; 733 Concord Avenue, Cambridge, MA 02138-1002 (US). AIR PRODUCTS AND CHEMICALS INC. [US/US]; 7201 Hamilton Boulevard, Allentown, PA 18195-1501 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HONEYMAN, Charles, H. [CA/US]; 19 Lee Hill Road, Roslindale, MA 02131 (US). CHEN, Eva [US/US]; Apartment No. 1C, 348 Franklin Street, Cambridge, MA 02139 (US). KLINGENBERG, Eric, Howard [US/US]; 5144 Laurie Drive, Emmaus, PA 18095 (US). FAZEL, Shafiq, N. [US/US]; 6704 Algonquin Trail, Allentown, PA 18104 (US).

(74) COLE, David, John; E Ink Corporation, 733 Concord Avenue, Cambridge, MA 02138-1002 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ G02F

(11) WO 2004/088396 (13) A2

(21) PCT/US2004/009543

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,501 28 Mar/mar 2003 US (28.03.2003)

(30) 60/464,491 21 Apr/avr 2003 US (21.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOW LOSS SOI/CMOS COMPATIBILITY SILICON WAVEGUIDE AND METHOD OF MAKING THE SAME
• GUIDE D'ONDES EN SILICIUM SOI A FAIBLE PERTE COMPATIBLE CMOS ET PROCEDE DE PRODUCTION ASSOCIE

(71) SIOPTICAL, 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) PATEL, Vipulkumar, Kantilal [US/US]; 607 Falcongate Drive, Monmouth Junction, NJ 08852 (US). GOTHOSKAR, Prakash [IN/US]; 6749 Windermere Court, Allentown, PA 18104 (US). MONTGOMERY, Robert, Keith [US/US]; 810 Howe Street, Easton, PA 18040 (US). GHIRON, Margaret [US/US]; 1875 Sherwood Road, Allentown PA 18103 (US).

(74) KOBAYASHI, Wendy, W.; P.O. Box 556, Springtown, 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)⁷ G02F 1/03, 1/035

(11) WO 2004/088397 (13) A1

(21) PCT/JP2004/004276

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-092777 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-334793 26 Sep/sep 2003 JP (26.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR CONTROLLING BIAS OF OPTICAL MODULATOR

• PROCEDE ET DISPOSITIF DE REGULATION DE LA POLARISATION D'UN MODULATEUR OPTIQUE

(71) SUMITOMO OSAKA CEMENT CO., LTD [JP/JP]; 6-28, Rokubancho, Chiyoda-ku, Tokyo 102-8465 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIMOTO, Yoshihiro [JP/JP]; c/o Sumitomo Osaka Cement Co., Ltd, 6-28, Rokubancho, Chiyoda-ku, Tokyo 102-8465 (JP). ICHIKAWA, Junichiro [JP/JP]; c/o Sumitomo Osaka Cement Co., Ltd, 6-28, Rokubancho, Chiyoda-ku, Tokyo 102-8465 (JP). HIGUMA, Kaoru [JP/JP]; c/o Sumitomo Osaka Cement Co., Ltd, 6-28, Rokubancho, Chiyoda-ku, Tokyo 102-8465 (JP). FUJITA, Takahisa [JP/JP]; c/o Sumitomo Osaka Cement Co., Ltd, 6-28, Rokubancho, Chiyoda-ku, Tokyo 102-8465 (JP).

(74) TAMURA, Chikashi; Akasaka Misuzu Bldg. 4F, 4-10, 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 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)⁷ G02F 1/13
- (11) WO 2004/088398 (13) A1
- (21) PCT/JP2004/003576
- (22) 17 Mar/mar 2004 (17.03.2004)
- (25) ja (26) ja
- (30) 2003-092267 28 Mar/mar 2003 JP (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PROCESS FOR MANUFACTURING LIQUID CRYSTAL DISPLAY
• PROCEDE DE FABRICATION D'UN ECRAN A CRISTAUX LIQUIDES
- (71) TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO., LTD. [JP/JP]; 1-8, Konan 4-chome, Minato-ku, Tokyo 1080075 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MORIYAMA, Naomi [JP/JP]
- (74) SUZUYE, Takehiko et al. / etc.; c/o Suzuye & Suzuye, 7-2, Kasumigasaki 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).
-
- Published / Publiée : (c)
-
- (51)⁷ G02F 1/133, 1/1343, 1/1368, G09G 3/36, 3/20
- (11) WO 2004/088400 (13) A1
- (21) PCT/JP2003/011629
- (22) 11 Sep/sep 2003 (11.09.2003)
- (25) ja (26) ja
- (30) 2003-094197 31 Mar/mar 2003 JP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LIQUID CRYSTAL DISPLAY UNIT AND DRIVING METHOD THEREFOR
• UNITE D'AFFICHAGE A CRISTAUX LIQUIDES ET PROCEDE D'ACTIVATION ASSOCIE
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). FUJITSU DISPLAY TECHNOLOGIES CORPORATION [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) SASAKI, Nobuo [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). OKAZAKI, Susumu [JP/JP]; c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NASU, Yasuhiro [JP/JP]; c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NAGASE, Yoji [JP/JP]; c/o FUJITSU DISPLAY TECHNOLOGIES CORPORATION, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) MORIOKA, Masaki; MORIOKA & ASSOCIATES, Toyo Bldg., 4th Floor, 16-5, Shimizu 1-chome, Suginami-ku, Tokyo 167-0033 (JP).
- (81) JP KR US.
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- (51)⁷ G02F 1/1333, 1/133
- (11) WO 2004/088401 (13) A1
- (21) PCT/JP2003/004003
- (22) 28 Mar/mar 2003 (28.03.2003)
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PHOTOMETRIC DEVICE OF LIQUID CRYSTAL DISPLAY AND LIQUID CRYSTAL DISPLAY
• DISPOSITIF PHOTOMETRIQUE POUR AFFICHAGE A CRISTAUX LIQUIDES ET AFFICHAGE A CRISTAUX LIQUIDES
- (71) NIPPON CHEMI-CON CORPORATION [JP/JP]; 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP). SPECTRATECH INC. [JP/JP]; 22-3, Kaminoge 4-chome, Setagaya-ku, Tokyo 158-0093 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHASHI, Mitsuo [JP/JP]; c/o SPECTRATECH INC., 22-3, Kaminoge 4-chome, Setagaya-ku, Tokyo 158-0093 (JP). HONDA, Ikufumi [JP/JP]; c/o NIPPON CHEMI-CON CORPORATION, 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP).
- (74) HAMADA, Haruo; Wisdom House, 4-12, Minami-Aoyama 3-chome, Minato-ku, Tokyo 107-0062 (JP).
- (81) JP KR US.
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- (51)⁷ G02F 1/1334, 1/13
- (11) WO 2004/088402 (13) A1
- (21) PCT/JP2003/017040
- (22) 26 Dec/déc 2003 (26.12.2003)
- (25) ja (26) ja
- (30) 2003-95670 31 Mar/mar 2003 JP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LIGHT CONTROLLER AND LAMINATED GLASS
• CORPS DE COMMANDE DE LA LUMIERE ET VERRE FEUILLETE
- (71) NIPPON SHEET GLASS COMPANY, LIMITED [JP/JP]; 1-7, Kaigan 2-chome, Minato-ku, Tokyo 105-8552 (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) 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).
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- (51)⁷ G02F 1/13357, 1/1335, 1/13, G02B 5/02, 5/04, 21/00
- (11) WO 2004/088403 (13) A1
- (21) PCT/JP2004/002770
- (22) 4 Mar/mar 2004 (04.03.2004)
- (25) ja (26) ja

- (30) 2003-091327 **28 Mar/mar 2003** JP
(**28.03.2003**)
- (30) 2003-199462 **18 Jul/juil 2003** JP
(**18.07.2003**)
- (30) 2003-407318 **5 Dec/déc 2003** JP
(**05.12.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SPATIAL LIGHT MODULATION DEVICE, PROJECTOR USING THE SPATIAL LIGHT MODULATION DEVICE, METHOD FOR MANUFACTURING FINE-STRUCTURE ELEMENT USED IN THE SPATIAL LIGHT MODULATION DEVICE, AND FINE-STRUCTURE ELEMENT MANUFACTURED BY THE METHOD
- MODULATEUR DE LUMIERE SPATIAL, PROJECTEUR L'UTILISANT, PROCEDE DE FABRICATION D'UN ELEMENT A STRUCTURE FINE UTILISE DANS LE MODULATEUR ET ELEMENT A STRUCTURE FINE FABRIQUE SELON CE PROCEDE
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 1630811 (JP).
- (72) **KAMIJIMA, Shunji**; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 3928502 (JP). **YONEKUBO, Masatoshi**; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 3928502 (JP).
- (74) **SAKAI, Hiroaki**; Sakai International Patent Office, Tokyo Club Building, 2-6, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G02F 1/13357, 1/1333**
- (11) **WO 2004/088404** (13) A1
- (21) PCT/JP2004/004435
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) ja (26) ja
- (30) 2003-094036 **31 Mar/mar 2003** JP
(**31.03.2003**)
- (30) 2003-178980 **24 Jun/juin 2003** JP
(**24.06.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LIQUID CRYSTAL DISPLAY DEVICE
- DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES
- (71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihan-Hondori 2-chome, Moriguchi-shi, Osaka 5708677 (JP). **TOTTORI SANYO ELECTRIC CO., LTD.** [JP/JP]; 3-201, Minamiyoshikata, Tottori-shi, Tottori 6800843 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HASHINO, Naruo** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD., 3-201, Minamiyoshikata, Tottori-shi, Tottori 6800843 (JP). **SAKEMOTO, Hiroki** [JP/JP]; c/o TOTTORI SANYO ELECTRIC CO., LTD., 3-201, Minamiyoshikata, Tottori-shi, Tottori 6800843 (JP).
- (74) **WIN TECH PATENT OFFICE**; 4th Fl., Wemping Kanda BLDG., 6-7, Kanda Kajicho 3-chome, Chiyoda-ku, Tokyo 1010045 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ **G02F 1/13363**
- (11) **WO 2004/088405** (13) A1
- (21) PCT/JP2004/004324
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 2003-090438 **28 Mar/mar 2003** JP
(**28.03.2003**)
- (30) 2003-090439 **28 Mar/mar 2003** JP
(**28.03.2003**)
- (30) 2003-202225 **28 Jul/juil 2003** JP
(**28.07.2003**)
- (30) 2003-202226 **28 Jul/juil 2003** JP
(**28.07.2003**)
- (30) 2004-082200 **22 Mar/mar 2004** JP
(**22.03.2004**)
- (30) 2004-082201 **22 Mar/mar 2004** JP
(**22.03.2004**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LIQUID CRYSTAL DISPLAY DEVICE
- AFFICHEUR A CRISTAUX LIQUIDES
- (71) **FUJI PHOTO FILM CO. LTD.** [JP/JP]; 210, Nakanuma, Minami-ashigara-shi, Kanagawa, 2500193 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ITO, Tadashi** [JP/JP]; c/o FUJI PHOTO FILM CO., LTD., 210, Nakanuma, Minami-ashigara-shi, Kanagawa, 2500193 (JP). **HIRAKATA, Junichi** [JP/JP]; c/o FUJI PHOTO FILM CO., LTD., 210, Nakanuma, Minami-ashigara-shi, Kanagawa, 2500193 (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.
- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G02F 1/1339**
- (11) **WO 2004/088406** (13) A1
- (21) PCT/JP2003/004122
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SEALING MATERIAL CURING METHOD AND SEALING MATERIAL CURING DEVICE
- PROCEDE ET DISPOSITIF DE POLYMERISATION DE MATERIAU D'ETANCHEITE
- (71) **IWASAKI ELECTRIC CO., LTD.** [JP/JP]; 12-4, Shiba 3-chome, Minato-ku, Tokyo 105-0014 (JP).
- (72) **SAKAI, Kazuhiro**; c/o IWASAKI ELECTRIC CO., LTD., SAITAMASEISAKUSHO, 1-1, Ichiriyamamachi, Gyoda-shi, Saitama 361-8505 (JP). **KOBAYASHI, Shigenori**; c/o IWASAKI ELECTRIC CO., LTD., SAITAMASEISAKUSHO, 1-1, Ichiriyamamachi, Gyoda-shi, Saitama 361-8505 (JP). **NISHIDATE, Toshio**; c/o IWASAKI ELECTRIC CO., LTD., SAITAMASEISAKUSHO, 1-1, Ichiriyamamachi, Gyoda-shi, Saitama 361-8505 (JP). **KUNIEDA, Toshiyuki**; c/o EYE GRAPHICS CO., LTD., 2-4-12, Kamezawa, Sumida-ku, Tokyo 130-0014 (JP).
- (74) **HANDA, Masao**; 4F Sanei Bldg., 3-8, Wada 2-chome, Suginami-ku, Tokyo 166-0012 (JP).
- (81) CN KR.
- Published / Publié : (a)
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- (51)⁷ **G02F 1/1339**
- (11) **WO 2004/088407** (13) A1
- (21) PCT/JP2004/003538
- (22) **17 Mar/mar 2004 (17.03.2004)**
- (25) ja (26) ja
- (30) 2003-092236 **28 Mar/mar 2003** JP
(**28.03.2003**)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SUBSTRATE FOR LIQUID CRYSTAL DISPLAY
- SUPPORT D'AFFICHAGE A CRISTAUX LIQUIDES
- (71) **DAI NIPPON PRINTING CO. LTD.** [JP/JP]; 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo 1628001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAWARAYA, Seiji** [JP/JP]; c/o DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP). **SUMINO, Tomonobu**

- [JP/JP]; c/o DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP). HAYASHI, Shinji [JP/JP]; c/o DAI NIPPON PRINTING CO., LTD., 1-1, Ichigaya-kagacho 1-chome, Shinjuku-ku, Tokyo, 1628001 (JP).
- (74) YAMASHITA, Akihiko et al. / etc.; c/o TOKYO CENTRAL PATENT FIRM, 4th Floor, Oak Building Kyobashi, 16-10, Kyobashi 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02F 1/139, 1/1335
- (11) WO 2004/088408 (13) A1
- (21) PCT/US2004/009220
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 60/457,668 25 Mar/mar 2003 US (25.03.2003)
- (30) 10/613,328 2 Jul/juil 2003 US (02.07.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LIQUID CRYSTAL DISPLAY WITH OFFSET VIEWING CONE
- AFFICHAGE A CRISTAUX LIQUIDES A CONE DE VISUALISATION DE DECALAGE
- (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) PAUKSHTO, Michael, V. [RU/US]; 820 Peary Lane, Foster City, CA 94404 (US). SILVERSTEIN, Louis, D. [US/US]; 9695 E. Yucca Street, Scottsdale, AZ 85260-6201 (US).
- (74) TEST, Aldo, J. et al. / etc.; 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 :

(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)

(51)⁷ G02F 1/167

(11) WO 2004/088409 (13) A1

(21) PCT/IB2004/050343

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03100887.3 3 Apr/avr 2003 EP (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A COLOR ELECTROPHORETIC DISPLAY

• AFFICHAGE COULEUR ELECTROPHORETIC

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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 MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)

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

(51)⁷ G03B

(11) WO 2004/088410 (13) A2

(21) PCT/US2004/009895

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,732 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WATERMARK DETECTION
• DETECTION DE FILIGRANE

(63) US 10/402,732 (CON)
28 Mar/mar 2003 (28.03.2003)

(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) XU, Peng [CN/US]; 1266 Mayberry Lane, San Jose, CA 95131 (US). GRIF-FIN, Dwight, D. [US/US]; 5883 Pontius Court, San Jose, CA 95123 (US). HIRAI, Jun [JP/JP]; 34-7 Ohyama-cho, Shibuya-ku, Tokyo (JP).

(74) GALLENSON, Mavis, S. et al. / etc.; 5670 Wilshire Blvd., #2100, Los Angeles, CA 90036-5670 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE 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)⁷ G03B 5/00

(11) WO 2004/088411 (13) A1

(21) PCT/JP2004/004257

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-092348 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CAMERA SYSTEM, CAMERA, AND INTERCHANGEABLE LENS

• SYSTEME DE CAMERA, CAMERA, ET LENTILLES INTERCHANGEABLES

(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) MOMOCHI, Nobuchika [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). KAMEYAMA, Takashi [JP/JP]; c/o

- Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). SUZUKI, Koji [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). TERADA, Hirotsugu [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).
- Published / Publiée : (a)
- (51)⁷ G03B 15/05, 15/03, H04N 5/225
- (11) WO 2004/088412 (13) A1
- (21) PCT/JP2004/004126
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003/91700 28 Mar/mar 2003 JP (28.03.2003)
- (30) 2004/59242 3 Mar/mar 2004 JP (03.03.2004)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • IMAGING DEVICE
• DISPOSITIF D'IMAGERIE
- (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) ISHIKAWA, Kensaku [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). ISHIBASHI, Hidenori [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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ G03B 21/00
- (11) WO 2004/088413 (13) A1
- (21) PCT/JP2004/004112
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) ja (26) ja
- (30) 2003-090136 28 Mar/mar 2003 JP (28.03.2003)
- (30) 2003-324867 17 Sep/sep 2003 JP (17.09.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LIGHT MIXING MEMBER, MULTILAMP LIGHTING EQUIPMENT AND PROJECTION VIDEO DISPLAY
• ELEMENT MELANGEUR DE LUMIERE, EQUIPEMENT D'ECLAIRAGE A AMPOULES MULTIPLES ET ECRAN DE VIDEO-PROJECTION
- (71) SANYO ELECTRIC CO. LTD [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi Osaka, 5708677 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) IKEDA, Takashi [JP/JP]; 4-4-23-305, Nakakosaka, Higashiosaka-shi Osaka, 5770804 (JP). KUROSAKA, Yoshitaka [JP/JP]; 1-2-3-507, Nagasu Nishidori, Amagasaki-shi Hyogo, 6600807 (JP). KANAYAMA, Hideyuki [JP/JP]; 14-46, Shinkai, Gokasho, Uji-shi Kyoto, 6110011 (JP). ISHII, Koji [JP/JP]; 4-4-30, Kamo, Takaishi-shi Osaka, 5920011 (JP).
- (74) JIMBO, Taizo; Tenmapark Bldg, 8F, 14-19, Tenma 4-chome, Kita-ku, Osaka-shi, Osaka, 5300043 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G03F
- (11) WO 2004/088414 (13) A2
- (21) PCT/US2004/008920
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 10/396,615 25 Mar/mar 2003 US (25.03.2003)
- (30) 10/789,319 27 Feb/fév 2004 US (27.02.2004)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • POSITIVE TONE BI-LAYER IMPRINT LITHOGRAPHY METHOD AND COMPOSITIONS THEREFOR

• PROCEDE ET COMPOSITIONS DE LITHOGRAPHIE PAR IMPRESSION BICOUCHE ET TON POSITIF

- (71) MOLECULAR IMPRINTS, INC. [US/US]; 1807-C West Braker Lane, Suite 100, Austin, TX 78758-3605 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) SREENIVASAN, Sidigata, V.; 10502 Grand Oak Drive, Austin, TX 78750-3858 (US). XU, Frank, Y.; 2811 La Frontera Blvd. Apt. 721, Austin, TX 78728-1187 (US). MILLER, Michael, N.; 11601 Broad Oaks Drive, Austin, TX 78759-3711 (US). WATTS, Michael, P.C.; 9404 Bell Mountain Drive, Austin, TX 78730-2709 (US).
- (74) BROOKS, Kenneth, C.; Molecular Imprints, Inc., Legal Department, P.O. Box 81536, Austin, TX 78708-1536 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G03F
- (11) WO 2004/088415 (13) A2
- (21) PCT/US2004/009169
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 10/402,759 28 Mar/mar 2003 US (28.03.2003)
- (30) 10/641,576 14 Aug/août 2003 US (14.08.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PHOTOMETRICALLY MODULATED DELIVERY OF REAGENTS
• LIBERATION DE REACTIFS PAR MODULATION PHOTOMETRIQUE
- (71) ADVANCED TECHNOLOGY MATERIALS INC. [US/US]; William F. Ryann, 7 Commerce Drive, Danbury, CT 06810 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ARNO, Jose, I. [ES/US]; 13 Twilight Lane, Brookfield, CT 06810 (US).
- (74) RYANN, William, F.; Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

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

(51)⁷ G03F 1/08, H01J 37/20

(11) WO 2004/088416 (13) A1

(21) PCT/JP2003/004031

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR MEASURING/INSPECTING PATTERN SIZE OF PHOTOMASK

• PROCEDE POUR MESURER/CONTROLLER LA DIMENSION D'UN MODELE D'UN PHOTOMASQUE

(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) OHTA, Kazutoshi [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). HANDA, Hitoshi [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MORIO, Masaru [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) JP US.

(51)⁷ G03F 1/08, H01L 21/027

(11) WO 2004/088417 (13) A1

(21) PCT/JP2003/004072

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHOTOMASK PATTERN INSPECTING METHOD, PHOTOMASK PATTERN INSPECTING DEVICE, AND PHOTOMASK PATTERN INSPECTING PROGRAM

• PROCEDE D'INSPECTION DE DESIN DE PHOTOMASQUE, DISPOSITIF CORRESPONDANT, ET PROGRAMME D'INSPECTION CORRESPONDANT

(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) AKUTAGAWA, Satoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TAKAHASHI, Kazuhiko [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)⁷ G03F 1/08, H01L 21/027, B05C 11/10

(11) WO 2004/088418 (13) A1

(21) PCT/JP2004/004272

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-090681 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF MANUFACTURING MASK BLANK

• PROCEDE DE PRODUCTION D'UNE EBAUCHE DE MASQUE

(71) HOYA CORPORATION [JP/JP]; 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 1618525 (JP).

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

(72, 75) HATA, Mitsuaki [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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G03F 1/08, 1/14, H01L 21/027, G03F 7/11

(11) WO 2004/088419 (13) A1

(21) PCT/JP2004/004584

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-096996 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MASK BLANKS PRODUCTION METHOD AND MASK PRODUCTION METHOD

• PROCEDE DE PRODUCTION D'EBAUCHES DE MASQUES ET PROCEDE DE PRODUCTION DE MASQUES

(71) HOYA CORPORATION [—/JP]; 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 1618525 (JP).

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

(72, 75) KOBAYASHI, Hideo [JP/JP]; c/o HOYA CORPORATION, 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 1618525 (JP).

(74) ANIYA, Setuo et al. / etc.; 21 Towa Bldg. 3F, 4-6-1, Iidabashi, Chiyoda-ku, Tokyo 1020072 (JP).

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

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

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

(51)⁷ G03F 1/08, H01L 21/027

(11) WO 2004/088420 (13) A1

(21) PCT/JP2004/004604

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-097089 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING MASK BLANK AND METHOD FOR PRODUCING TRANSFER MASK

• PROCEDE DE PRODUCTION D'UNE EBAUCHE DE MASQUE ET PROCEDE DE PRODUCTION D'UN MASQUE DE TRANSFERT

(71) HOYA CORPORATION [—/JP]; 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo, 1618525 (JP).

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

(72, 75) HATA, Mitsuaki [JP/JP]; C/O HOYA CORPORATION 7-5, Nakaochiai 2-chome Shinjuku-ku, Tokyo, 1618525 (JP).

(74) ANIYA, Setuo et al. / etc.; 21 Towa Bldg., 3F 4-6-1, Iidabashi, Chiyoda-ku, Tokyo 1020072 (JP).

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

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

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(51)⁷ G03F 1/08, H01L 21/027

(11) WO 2004/088421 (13) A1

(21) PCT/JP2004/004617

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-096910 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MASK BLANK, MASK BLANK MANUFACTURING METHOD, TRANSFER MASK MANUFACTURING METHOD,

AND SEMICONDUCTOR DEVICE
MANUFACTURING METHOD

- EBAUCHE DE MASQUE, PROCEDE DE FABRICATION D'UNE EBAUCHE DE MASQUE, PROCEDE DE FABRICATION D'UN MASQUE DE TRANSFERT ET PROCEDE DE FABRICATION D'UN DISPOSITIF A SEMI-CONDUCTEUR

(71) HOYA CORPORATION [—/JP]; 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo, 1618525 (JP).

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

(72, 75) OKUBO, Yasushi [JP/JP]; C/O HOYA CORPORATION, 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo, 1618525 (JP). YOKOYA, Yasunori [JP/JP]; C/O HOYA CORPORATION, 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo, 1618525 (JP).

(74) ANIYA, Setuo et al. / etc.; 21 Towa Bldg., 3F, 4-6-1, Iidabashi, Chiyoda-ku, Tokyo 1020072 (JP).

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

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

(51)⁷ G03F 1/14, C07D 493/10, C08F 34/02

(11) WO 2004/088422 (13) A1

(21) PCT/JP2003/014743

(22) 19 Nov/nov 2003 (19.11.2003)

(25) ja (26) ja

(30) 2003-90049 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-121735 25 Apr/avr 2003 JP (25.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLUORO COMPOUND AND FLUOROPOLYMER

- COMPOSÉ FLUORÉ ET POLYMÈRE FLUORÉ

(71) ASAHI GLASS COMPANY, LIMITED [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).

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

(72, 75) MATSUKURA, Ikuo [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). YAMAMOTO, Hiromasa [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). MUROTANI, Eisuke [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). TAKAGI, Hirokazu [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). ERIGUCHI,

Takeshi [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ G03F 7/00

(11) WO 2004/088423 (13) A2

(21) PCT/EP2004/002438

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/404,612 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHOTORESIST COMPOSITIONS
• COMPOSITION DE PHOTORESIST

(71) CLARIANT INTERNATIONAL LTD [CH/CH]; Rothausstrasse 61, CH-4132 Muttentz 1 (CH).

(72) EILBECK, J., Neville; New House, Church End Hillesden, Near Buckingham MK 18 4DB (GB).

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

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

(51)⁷ G03F 7/00

(11) WO 2004/088424 (13) A2

(21) PCT/EP2004/002439

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 10/404,722 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHOTORESIST COMPOSITIONS
• COMPOSITIONS DE PHOTORESIST

(71) CLARIANT INTERNATIONAL LTD [CH/CH]; Rothausstrasse 61, 4132 Muttentz 1 (CH).

(72) EILBECK, J., Neville; New House, Church End Hillesden, Near Buckingham MK 18, 4DB (GB).

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

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

(51)⁷ G03F 7/00, 1/14, 7/20

(11) WO 2004/088425 (13) A2

(21) PCT/US2004/008819

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/397,459 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MICRO-IMPRINTING METHOD AND TEMPLATE FOR USE IN SAME
• PROCEDE ET GABARIT DE MICRO-IMPRESSION

(71) LUMERA CORPORATION [US/US]; 19910 North Creek Parkway, Bothell, WA 98011-3008 (US).

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

(72, 75) JIN, Danliang [US/US]; 12211 N.E. 147th Place, Kirkland, WA 98034 (US). KRESSBACH, Jeffrey, K. [US/US]; 3024 132nd Avenue S.E., Snohomish, WA 98290 (US).

(74) WHELAN, Dorothy, P.; Fish & Richardson, P.C., P.A., Suite 3300, 60 South Sixth Street, 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)⁷ G03F 7/00, 1/00

(11) WO 2004/088426 (13) A1

(21) PCT/US2004/009627

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,279 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR MAKING A METAL
FORMING STRUCTURE• METHODE POUR FABRIQUER UNE
STRUCTURE DE FORMATION DE
METAL(71) THE PROCTER & GAMBLE COM-
PANY [US/US]; One Procter & Gamble
Plaza, Cincinnati, OH 45202 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GRAY, Brian, Francis [CA/US]; 565
Woodbrook Lane, Cincinnati, OH 45215
(US). STONE, Keith, Joseph [US/US];
1923 Augusta Blvd., Fairfield, OH 45014
(US).(74) THE PROCTER & GAMBLE COM-
PANY; c/ 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).

Published / Publiée : (c)

(51)⁷ G03F 7/038, C08F 220/10

(11) WO 2004/088427 (13) A1

(21) PCT/JP2004/004080

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-092767 28 Mar/mar 2003 JP
(28.03.2003)(30) 2004-051608 26 Feb/fév 2004 JP
(26.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NEGATIVE RESIST COMPOSITION
AND PROCESS FOR FORMATION OF
RESIST PATTERNS• COMPOSITION DE RESIST NEGATIF
ET PROCEDE DE FORMATION DE
MOTIFS DE RESIST(71) TOKYO OHKA KOGYO CO., LTD.
[JP/JP]; 150, Nakamaruko, Nakahara-ku,
Kawasaki-shi, Kanagawa 2110012 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) IWASHITA, Jyun [JP/JP]; c/o Tokyo
Ohka Kogyo Co., Ltd., 150, Nakamaruko,
Nakahara-ku, Kawasaki-shi, Kanagawa
2110012 (JP). TACHIKAWA, Toshikazu
[JP/JP]; c/o Tokyo Ohka Kogyo Co.,
Ltd., 150, Nakamaruko, Nakahara-ku,
Kawasaki-shi, Kanagawa 2110012 (JP).(74) SAKAI, Hiroaki; Sakai International Patent
Office, Tokyo Club Building, 2-6, Kasumi-
gaseki 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 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)⁷ G03F 7/039, 7/038, 7/004

(11) WO 2004/088428 (13) A1

(21) PCT/JP2004/004012

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-092765 28 Mar/mar 2003 JP
(28.03.2003)(30) 2003-092764 28 Mar/mar 2003 JP
(28.03.2003)(30) 2003-180259 24 Jun/juin 2003 JP
(24.06.2003)(30) 2003-180258 24 Jun/juin 2003 JP
(24.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHOTORESIST COMPOSITION AND
METHOD FOR FORMING RESIST PAT-
TERN USING THE SAME• COMPOSITION DE RESINE PHOTO-
SENSIBLE ET PROCEDE DE FORMA-
TION DE MOTIF DE RESINE FAISANT
APPEL A CETTE DERNIERE(71) TOKYO OHKA KOGYO CO. LTD.
[JP/JP]; 150, Nakamaruko, Nakahara-ku,
Kawasaki-shi, Kanagawa, 2110012 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) OGATA, Toshiyuki [JP/JP]; c/o
TOKYO OHKA KOGYO CO., LTD., 150,
Nakamaruko, Nakahara-ku, Kawasaki-shi,
Kanagawa, 2110012 (JP). ENDO, Kotaro
[JP/JP]; c/o TOKYO OHKA KOGYO CO.,
LTD., 150, Nakamaruko, Nakahara-ku,
Kawasaki-shi, Kanagawa, 2110012 (JP).
TSUJI, Hiromitsu [JP/JP]; c/o TOKYO
OHKA KOGYO CO., LTD., 150, Naka-
maruko, Nakahara-ku, Kawasaki-shi, Kana-
gawa, 2110012 (JP). YOSHIDA, Masaaki
[JP/JP]; c/o TOKYO OHKA KOGYO CO.,
LTD., 150, Nakamaruko, Nakahara-ku,
Kawasaki-shi, Kanagawa, 2110012 (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 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.TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G03F 7/039, 7/038, 7/004

(11) WO 2004/088429 (13) A1

(21) PCT/JP2004/004022

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-092768 28 Mar/mar 2003 JP
(28.03.2003)(30) 2003-119555 24 Apr/avr 2003 JP
(24.04.2003)(30) 2003-300664 25 Aug/août 2003 JP
(25.08.2003)(30) 2003-352266 10 Oct/oct 2003 JP
(10.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RESIST COMPOSITION FOR LIQUID
IMMERSION EXPOSURE PROCESS
AND METHOD OF FORMING RESIST
PATTERN THEREWITH• COMPOSITION DE RESERVE POUR
PROCEDE D'EXPOSITION PAR IM-
MERSION DANS UN LIQUIDE ET
PROCEDE DE FORMATION DE MO-
TIF DE RESERVE ASSOCIE(71) TOKYO OHKA KOGYO CO. LTD.
[JP/JP]; 150, Nakamaruko, Nakahara-ku,
Kawasaki-shi, Kanagawa, 2110012 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ENDO, Kotaro [JP/JP]; c/o TOKYO
OHKA KOGYO CO., LTD., 150, Naka-
maruko, Nakahara-ku, Kawasaki-shi, Kana-
gawa, 2110012 (JP). YOSHIDA, Masaaki
[JP/JP]; c/o TOKYO OHKA KOGYO CO.,
LTD., 150, Nakamaruko, Nakahara-ku,
Kawasaki-shi, Kanagawa, 2110012 (JP).
HIRAYAMA, Taku [JP/JP]; c/o TOKYO
OHKA KOGYO CO., LTD., 150, Naka-
maruko, Nakahara-ku, Kawasaki-shi, Kana-
gawa, 2110012 (JP). TSUJI, Hiromitsu
[JP/JP]; c/o TOKYO OHKA KOGYO CO.,
LTD., 150, Nakamaruko, Nakahara-ku,
Kawasaki-shi, Kanagawa, 2110012 (JP).
OGATA, Toshiyuki [JP/JP]; c/o TOKYO
OHKA KOGYO CO., LTD., 150, Naka-
maruko, Nakahara-ku, Kawasaki-shi,
Kanagawa, 2110012 (JP). SATO, Mit-
suru [JP/JP]; c/o TOKYO OHKA KOGYO
CO., LTD., 150, Nakamaruko, Nakahara-ku,
Kawasaki-shi, Kanagawa, 2110012 (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 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)⁵ G03G 5/02

(11) WO 2004/088430 (13) A1

(21) PCT/JP1992/001336

(22) 15 Oct/oct 1992 (15.10.1992)

(25) ja (26) ja

(30) 3/267505 16 Oct/oct 1991 JP
(16.10.1991)

(30) 3/269427 17 Oct/oct 1991 JP
(17.10.1991)

(30) 3/269428 17 Oct/oct 1991 JP
(17.10.1991)

(30) 3/295529 12 Nov/nov 1991 JP
(12.11.1991)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTROSTATIC INFORMATION RECORDING MEDIUM

• SUPPORT D'ENREGISTREMENT D'INFORMATIONS ELECTROSTATIQUE

(71, 72) IJIMA, Masayuki [JP/JP]; * (JP). @ [JP/JP] (JP).

(74) UCHIDA, Nobuhiko et al. / etc.; Azusa Patent Office, Sairakudo Building, 7th Floor, 18-11, Ueno 1-chome, Taito-ku, Tokyo 110 (JP).

(81) US.

Published / Publiée : (e): 18Jun/juin 1996
(18.06.1996), 5527589

(51)⁷ G03G 9/08

(11) WO 2004/088431 (13) A1

(21) PCT/JP2004/003518

(22) 17 Mar/mar 2004 (17.03.2004)

(25) ja (26) ja

(30) 2003-097180 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TONER AND METHOD FOR FORMING IMAGE

• TONER ET PROCEDE DE FORMATION D'IMAGE

(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) MAKUTA, Yoshihiro [JP/JP]; c/o Zeon Corporation, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008323 (JP). YAMATO, Toshihiko [JP/JP]; c/o Zeon Corporation, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008323 (JP).

(74) NISHIKAWA, Shigeaki; Visual City 401, 43-9, Higashi-Nippori 3-chome, Arakawa-ku, Tokyo 1160014 (JP).

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

KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ G03G 15/00, B65H 3/00, 33/04, 33/00

(11) WO 2004/088432 (13) A1

(21) PCT/EP2004/002688

(22) 16 Mar/mar 2004 (16.03.2004)

(25) de (26) de

(30) 103 15 449.3 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CONTROLLING THE PROCESS OF A DEVICE FOR HANDLING SHEET-TYPE PRINTING MATERIALS

• PROCEDE POUR COMMANDER LE DEROULEMENT D'UN DISPOSITIF DESTINE A MANIPULER DES SUPPORTS D'IMPRESSION SE PRESENTANT SOUS FORME DE FEUILLES

(71) HEIDELBERGER DRUCKMASCHINEN AG [DE/DE]; Kurfürsten-Anlage 52-60, 69115 Heidelberg (DE).

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

(72, 75) SOMMER, Tilman [DE/DE]; Seracherstrasse 27, 73732 Esslingen (DE).

(74) KAISER, Stefan; Heidelberger Druckmaschinen AG, Kurfürsten-Anlage 52-60, 69115 Heidelberg (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 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).

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 VU VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ G03G 15/09, 15/34

(11) WO 2004/088433 (13) A2

(21) PCT/US2004/009043

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,166 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR WIDE FORMAT TONING

• PROCEDE ET SYSTEME POUR LE DEPOT DE TONER SUR GRAND FORMAT

(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) FRAUENS, Michael, W.; 719 Royal Sunset Drive, Webster, NY 14580 (US). STELTER, Eric, C.; 10 Oak Meadow Trail, Pittsford, NY 14534 (US). GUTH, Joseph, E.; 4616 Bennetts Corners Road, Holley, NY 14470 (US). LINCOLN, Laverne, N., Jr.; 3636 Stalker Road, Macedon, NY 14502 (US).

(74) LEFFEL, Kevin, L. et al. / etc.; NexPress Digital LLC, 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 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)⁷ G03G 15/16, 7/00, B41N 10/02

(11) WO 2004/088434 (13) A1

(21) PCT/JP2004/002297

(22) 26 Feb/fév 2004 (26.02.2004)

(25) ja (26) ja

(30) 2003-094586 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE TRANSFER SHEET

• FEUILLE POUR TRANSFERT D'IMAGE

(71) KABUSHIKI KAISHA MEIJI GOMU KASEI [JP/JP]; 22-35, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

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

(72, 75) HORI, Hiroyuki [JP/JP]; c/o Honsha Factory, Kabushiki Kaisha Meiji Gomu Kasei, 1, Nobusawa, Kaiseimachi, Ashigarakami-gun, Kanagawa 258-0026

- (JP). IWASAKI, Yoshio [JP/JP]; c/o Honsha Factory, Kabushiki Kaisha Meiji Gomu sei, 1, Nobusawa, Kaiseimachi, Ashigarakami-gun, Kanagawa 258-0026 (JP).
- (74) SEKINE, Terutaka; Room 205, Daiichikomodoba Bldg., 6-6, Taito 1-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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G04B
- (11) WO 2004/088435 (13) A2
- (21) PCT/EP2004/050370
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) fr (26) fr
- (30) 0571/03 2 Apr/avr 2003 CH (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DAY OF THE MONTH DISPLAY MECHANISM FOR WATCH MOVEMENT
- MÉCANISME D'AFFICHAGE DU QUANTIÈME POUR MOUVEMENT DE MONTRE
- (71) RONDA AG [CH/CH]; Hauptstrasse 10, CH-4415 Lausen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GROOTHUIS, Michiel [NL/CH]; Anc. Rte. Villeret 8, CH-2010 St-Imier (CH). MÄRKI, Eric [CH/CH]; Vorderbergweg, CH-4106 Therwil (CH).
- (74) SAAM, Christophe; Patents & Technology Surveys SA, Rue des Terreaux 7, Case postale 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G04B 37/00, 45/00
- (11) WO 2004/088437 (13) A2
- (21) PCT/EP2004/003462
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) de (26) de
- (30) 03405224.1 2 Apr/avr 2003 EP (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • WRISTWATCH AND JEWELLERY SET
- BRACELET MONTRE ET SYSTEME BIJOU
- (71) MILUS INTERNATIONAL SA [CH/CH]; Reuchenettestrasse 19, CH-2502 Biel (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEUNG, Tommy [CN/CN]; Flat B-2, 8/F, Tower B, Wilshire Towers, 200 Tin Hau Temple Road, North Point (HK).
- (74) WAGNER, Wolfgang, H.; Zimmerli, Wagner & Partner AG, Löwenstrasse 19, CH-8021 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)⁷ G04B 19/24, 37/00, G04C 21/34, G04B 37/04
- (11) WO 2004/088436 (13) A2
- (21) PCT/EP2004/050361
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) fr (26) de
- (30) 103 14 426.9 31 Mar/mar 2003 DE (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR IDENTIFYING THE ROTATION OF A STEPPER MOTOR DRIVING AT LEAST ONE HAND OF A CLOCK
- PROCEDE D'IDENTIFICATION DE ROTATION D'UN MOTEUR PAS A PAS ENTRAÎNANT AU MOINS UNE AIGUILLE DE MONTRE
- (71) JUNGHANS UHREN GMBH [DE/DE]; Geissshaldenstrasse 49, 78713 Schramberg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRUMMACK, Hanna [DE/DE]; Franz-Xaver-Stenzel-Strasse 11, 79215 Elzach (DE). HODAPP, Wolfram [DE/DE]; Karpfenweg 12, 78658 Zimmern (DE).
- (74) NEUNERT, Peter; Westphal Mussnug & Partner, Am Riettor 5, 78048 Villingen-Schwenningen (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)⁷ G05B 13/02
- (11) WO 2004/088439 (13) A1
- (21) PCT/EP2004/002891
- (22) 19 Mar/mar 2004 (19.03.2004)
- (25) de (26) de
- (30) 103 14 573.7 31 Mar/mar 2003 DE (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR THE COMPUTER-ASSISTED REGULATING OF A PLURALITY OF SERIALY COUPLED MACHINES, REGULATING DEVICE, AND MACHINE ARRANGEMENT
- PROCEDE DE REGLAGE ASSISTÉ PAR ORDINATEUR D'UNE PLURALITÉ DE MACHINES MONTEES EN SERIE, DISPOSITIF DE REGLAGE ET AGENCEMENT DE MACHINES
- (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) POKORNY, Sascha [DE/DE]; Mahnertbusch 6, 42781 Haan (DE). HENNIG, Joachim [DE/DE]; Terrassenufer 25, 01069 Dresden (DE). MEIER, Joachim [DE/DE]; Oberbüscher Hoff 11, 42799 Leichlingen (DE). BRINKMANN, Heiner [DE/DE]; Meisentalstrasse 12, 40764 Langenfeld (DE).

REIFFERSCHIEDT, Ralf [DE/DE]; Ellernbruch 38, 47279 Duisburg (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)⁷ G05B 13/02, G05D 27/02

(11) WO 2004/088440 (13) A1

(21) PCT/RU2003/000243

(22) 29 May/mai 2003 (29.05.2003)

(25) ru (26) ru

(30) 200300399 3 Apr/avr 2003 EA (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CONTROLLING PHYSICO-CHEMICAL PROCESSES

• PROCEDE DE COMMANDE DE PROCESSUS PHYSICO-CHIMIQUES

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(74) KHODORKOVSKY, Valentin Alexeevich; Glavpochtamt, do vostrebovaniya, Moscow, 101000 (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 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); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ G05B 19/042

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(25) de (26) de

(30) 103 15 164.8 2 Apr/avr 2003 EP (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR DETERMINING BY APPROXIMATION A MEASURING INTERVAL AND CORRESPONDING DEVICE

• PROCEDE DE DETERMINATION PAR APPROXIMATION D'UN MOMENT DE MESURE, ET DISPOSITIF CORRESPONDANT

(71) ENDRESS+HAUSER GMBH+CO. KG [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).

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(72, 75) KILIAN, Markus [DE/DE]; Marie-Curie-Strasse 8, 79100 Freiburg (DE).

(74) ANDRES, Angelika; 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).

(51)⁷ G05B 19/418

(11) WO 2004/088442 (13) A1

(21) PCT/JP2003/016584

(22) 24 Dec/déc 2003 (24.12.2003)

(25) ja (26) ja

(30) 2003-096753 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS DELAY MONITOR SYSTEM

• SYSTEME DE SURVEILLANCE DU RETARD D'UN PROCESSUS

(71) HONDA MOTOR CO., LTD. [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).

(72) SUGAMURA, Shiyouji; Honda Motor Co., Ltd., 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). NISHIKIDO, Takeshi; Honda Motor Co., Ltd., 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). KURODA, Hideyuki; Honda Motor Co., Ltd., 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP).

(74) HORI, Shiroyuki; 35F, Kasumigaseki Building, 2-3-5, Kasumigaseki, Chiyoda-ku, Tokyo 100-6035 (JP).

(81) BR CN.

(84) EP (BE).

(51)⁷ G05B 23/02

(11) WO 2004/088443 (13) A1

(21) PCT/GB2004/001070

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 0307406.9 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA ANALYSIS SYSTEM AND METHOD

• SYSTEME ET PROCEDE D'ANALYSE DE DONNEES

(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

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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)⁷ G05D 16/00

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(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/400,704 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRESSURE REDUCING FLUID REGULATORS

• REGULATEURS DE FLUIDE A REDUCTION DE PRESSION

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(74) **HEPPERMAN, 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)⁷ G05D 16/02

(11) WO 2004/088445 (13) A1

(21) PCT/US2004/009374

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,480 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

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• REGULATEUR DE PRESSION D'UN LIQUIDE SANITAIRE

(71, 72) **ARLINGHAUS, Joseph, Wilfred, Jr.** [US/US]; 2822 Meigs Lane, Cincinnati, OH 45233 (US).

(74) **NESBITT, Daniel, F.**; Hasse Gutttag & Nesbitt LLC, 7550 Central Parke Blvd., Mason, OH 45040 (US).

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

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

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(51)⁷ G06F

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(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 277/MAS/2003 2 Apr/avr 2003 IN (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOMATED METHOD FOR QUANTITATIVE MEASUREMENT OF BENEFITS IN A PLURALITY OF SELF-ASSESSING, KNOWLEDGE SHARING COMMUNITIES

• PROCEDE AUTOMATISE POUR LA MESURE QUANTITATIVE DES AVANTAGES OBTENUS DANS UNE PLURALITE DE COMMUNAUTES DE PARTAGE DES CONNAISSANCES A AUTO-EVALUATION

(71) **INFOSYS TECHNOLOGIES, LTD.** [US/US]; 6607 Kaiser Drive, Fremont, CA 94555 (US).

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(72, 75) **PAI, Kochikar, Vivekanand** [IN/IN]; B 603 Adarsh Gardens, 47th Cross, 8th Block, Jayanagar, Bangalore 560 082 (IN). **SALMO, Mahind, C.** [IN/IN]; C-9, Naveen Terraces, Ring Road, Koramangala, 4th Block, Bangalore 560 034 (IN). **KAVI, Mahesh** [IN/IN]; 1482, 9th Main, 2nd Cross, 5th Stage, 1st Phase BEML Layout, Rajarajeshwarinagar, Bangalore 560 098 (IN). **SURESH, Janivara, K.** [IN/IN]; 1077, "Bhargava", 16th Cross, 25th Main, BSK II Stage, Bangalore, 560 070 (IN).

(74) **BRUZGA, Charles, E.**; Bruzga & Associates, 11 Broadway, Suite 400, 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)⁷ G06F

(11) WO 2004/088447 (13) A2

(21) PCT/IB2004/000220

(22) 30 Jan/jan 2004 (30.01.2004)

(25) en (26) en

(30) 2003/2653 4 Apr/avr 2003 ZA (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A DIGITAL E-MAIL CERTIFICATE

• CERTIFICAT NUMERIQUE POUR COURRIER ELECTRONIQUE

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(72, 75) **KALOGEROPOULOS, Michael, James, Anthony** [ZA/ZA]; 3 Wesley Avenue, Glen Hurd, 6001 Port Elizabeth (ZA). **BURKETT, Steven, Andrew** [ZA/ZA]; 34 Sherock Street, Central, 6001 Port Elizabeth (ZA).

(74) **DONALD, Heather, June** et al. / etc.; Spoor & Fisher, PO Box 41312, 2024 Craighall (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/088448 (13) A2

(21) PCT/IL2004/000287

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 155175 31 Mar/mar 2003 IL (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIAGNOSTIC DEVICE, SYSTEM AND METHOD FOR REDUCED DATA TRANSMISSION

• DISPOSITIF, SYSTEME ET PROCEDE DE DIAGNOSTIC PERMETTANT LA TRANSMISSION D'UNE QUANTITE REDUITE DE DONNEES

(71) **GIVEN IMAGING LTD.** [IL/IL]; P.O.B. 258, Yoqneam Ilite, 20692 (IL).

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(72, 75) **HORN, Eli** [IL/IL]; 13 Barak, Kiryat Motzkin, 26315 (IL). **ZINATY, Ofra** [IL/IL]; 2/30 David Asaf Street, Haifa, 34760 (IL). **GLUKHOVSKY, Arkady** [US/US]; 23541 Via Amado, Santa Clarita, CA 91355 (US). **AVNI, Dov** [IL/IL]; 7 Succot Street, Haifa, 34525 (IL). **MERON, Gavriel** [IL/IL]; 21 Weizmann Street, Kfar-Ganim, Petach Tikva, 49556 (IL).

(74) **EITAN PEARL LATZER & COHEN-ZEDEK** et al. / etc.; 7 Shenkar Street, Herzlia, 46725 (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)⁷ G06F

(11) WO 2004/088449 (13) A2

(21) PCT/RU2004/000121

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ru (26) ru

(30) 2003108941 4 Apr/avr 2003 RU (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR CONTROLLING THE OPERATION OF A SERVICE FORDELIVERY OF GOODS AT HOME

• DISPOSITIF DE COMMANDE D'UN PROCESSUS DE MISE EN OEUVRE D'UN SERVICE DE LIVRAISON DE MARCHANDISES A DOMICILE

(71, 72) SHEVTSOV, Dmitriy Petrovich [RU/RU]; ul. Rodimtseva, 2-51, 460052, Orenburg (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).

(51)⁷ G06F

(11) WO 2004/088450 (13) A2

(21) PCT/US2004/010344

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,802 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR DECISION ANALYSIS AND RESOLUTION

• SYSTEME ET PROCEDE POUR L'ANALYSE ET LA RESOLUTION DE DECISIONS

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(74) BELL, Michael, J. et al. / etc.; Howrey Simon Arnold & White LLP, 2941 Fairview Park Drive, Box 7, 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/088451 (13) A2

(21) PCT/US2004/008577

(22) 19 Mar/mar 2004 (19.03.2004)

(25) en (26) en

(30) 10/401,502 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS AND METHOD FOR PROCESSING DIGITAL MUSIC FILES

• APPAREIL ET PROCEDE POUR TRAITER DES FICHIERS NUMERIQUES MUSICAUX

(71) VULCAN, INC. [US/US]; 505 Fifth Ave. S., Suite 900, Seattle, WA 98104 (US).
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(72, 75) ALLEN, Paul, G. [US/US]; 505 Fifth Ave. S., Suite 900, Seattle, WA 98104 (US). PERKIS, Timothy, R. [US/US]; 1050 Santa Fe Avenue, Albany, CA 94706 (US).

(74) LIU, Cliff, Z.; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US).

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

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

(51)⁷ G06F

(11) WO 2004/088452 (13) A2

(21) PCT/US2004/008681

(22) 18 Mar/mar 2004 (18.03.2004)

(25) en (26) en

(30) 60/457,277 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PUBLISHING SYSTEM INCLUDING FRONT-END CLIENT LINKS TO WORKFLOW ENGINE AND COMMUNICATION PROTOCOL SCHEMA

• SYSTEME DE PUBLICATION COMPRENANT DES LIENS VERS DES CLIENTS DE PREMIER PLAN POUR ACHEMINER DES SCHEMAS DE MOTEUR ET DE PROTOCOLES DE COMMUNICATION

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(74) STARR, Mark, T. et al. / etc.; Unisys Corporation, Unisys Way, MS/E8-114, Blue Bell, PA 19424-0001 (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).

(51)⁷ G06F

(11) WO 2004/088453 (13) A2

(21) PCT/US2004/008760

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/400,601 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WIRELESS COMMUNICATION NETWORK INCLUDING DATA PRIORITIZATION AND PACKET RECEPTION ERROR DETERMINATION FEATURES AND RELATED METHODS

• RESEAU DE COMMUNICATION SANS FIL COMPRENANT DES CARACTERISTIQUES DE HIERARCHISATION DE DONNEES ET DE DETERMINATION D'ERREUR DE RECEPTION DE PAQUETS DE DONNEES ET PROCEDES ASSOCIES

(71) HARRIS CORPORATION [US/US]; 1025 W. Nasa Blvd, Melbourne, FL 32919 (US).
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(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)⁷ G06F

(11) WO 2004/088454 (13) A2

(21) PCT/US2004/008776

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/458,038 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR WAVEFORM CLASSIFICATION AND CHARACTERIZATION USING MULTIDIMENSIONAL HIGHER-ORDER STATISTICS

• SYSTEME ET PROCEDE POUR CLASSIFIER ET CARACTERISER DES FORMES D'ONDES AU MOYEN DE STATISTIQUES MULTIDIMENSIONNELLES D'ORDRE SUPERIEUR

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(72) ANDERSON, Richard, Hugh; 3822 Stream Drive, Melbourne, FL 32940 (US). ANDERSON, Paul, David; 4949 Rosewood Lane, Melbourne, FL 32940 (US). BEADLE, Edward, Raymond; 5760 Newbury Circle, Melbourne, FL 32940 (US). DISHMAN, John, F.; 1227 Malabar Lakes Drive, N.E., Palm Bay, Florida 32905 (US). MARTIN, Patrick, G.; 11630 Point Drive, Merritt Island, FL 32952 (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)⁷ G06F

(11) WO 2004/088455 (13) A2

(21) PCT/US2004/008799

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/395,238 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONTROL AND MANAGEMENT OF ELECTRONIC MESSAGING

• CONTROLE ET GESTION DE MESSAGES ELECTRONIQUES

(71) VERISIGN, INC. [US/US]; 487 East Middlefield Road, Mountain View, CA 94043 (US).

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

(72, 75) HALLAM-BAKER, Phillip, Martin [GB/US]; 52 Central Avenue, Medford, MA 02155 (US).

(74) ROSINI, James, E. et al. / etc.; Kenyon & Kenyon, 1500 K Street, N.W., Suite 700, 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)⁷ G06F

(11) WO 2004/088456 (13) A2

(21) PCT/US2004/008923

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/401,303 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A COMPUTER IMPLEMENTED COMPACT 0-COMPLETE TREE DYNAMIC STORAGE STRUCTURE AND METHOD OF PROCESSING STORED DATA

• STRUCTURE DE MEMORISATION DYNAMIQUE ARBORESCENTE 0-COMPLETE COMPACTE MISE EN APPLICATION PAR ORDINATEUR ET PROCEDE DE TRAITEMENT DE DONNEES MEMORISEES

(71) SAND TECHNOLOGY SYSTEMS INTERNATIONAL, INC. [CA/CA]; 215 Redfern, Suite 410, Westmount, Quebec H3Z 3L5 (CA).

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(72, 75) MCCOOL, Michael [US/US]; 500 E. Del Mar, #5, Pasadena, CA 91101 (US). WALD, Linda, Ann [US/US]; 10517 Northvale Road, Los Angeles, CA 90064 (US).

(74) CIRE, Frank, L.; Christie, Parker & Hale, LLP, P.O. 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 MD RU TJ TM); EP (AT BE BG CH CY CZ

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

(51)⁷ G06F

(11) WO 2004/088457 (13) A2

(21) PCT/US2004/008924

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,223 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GENERATING AUDIENCE ANALYTICS

• SYSTEME DE GENERATION D'ANALYSES D'AUDIENCE

(71) PREDICTIVE MEDIA CORPORATION [US/US]; 689 Massachusetts Avenue, Cambridge, MA 02139 (US).

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

(71, 72) ODDO, Anthony, Scott [US/US]; 20 Austin Street, Hyde Park, MA 02136 (US).

(74) SPEIDEL, Paul; Gesmer Updegrove LLP, 40 Broad 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)⁷ G06F

(11) WO 2004/088458 (13) A2

(21) PCT/US2004/008951

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/397,441 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR DYNAMICALLY ALLOCATING DATA RATES AND CHANNELS TO CLIENTS IN A WIRELESS NETWORK

• SYSTEME ET PROCEDE POUR ATTRIBUER DE MANIERE DYNAMIQUE DES DEBITS BINAIRES ET DES CANAUX A DES CLIENTS DANS UN RESEAU SANS FIL

(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, Mario [IN/US]; 11868 Stoney Peak Drive, No. 431, San

- Diego, CA 92128 (US). **DESCH, David, Alan** [US/US]; 14994 Huntington Gate Drive, San Diego, CA 92127 (US).
- (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).
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- (51)⁷ G06F
- (11) **WO 2004/088459** (13) A2
- (21) PCT/US2004/009076
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 10/396,592 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PORTABLE SCREEN ASSEMBLY
• ENSEMBLE ECRAN PORTATIF
- (71, 72) **CAMERON, Ronald, A.** [US/US]; 334 Hazel Drive, Schaumburg, IL 60193 (US). **MARSH, Yvonne** [NZ/NZ]; 12 Carthew Street, Okato Taranaki, NZ (NZ).
- (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).
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- (51)⁷ G06F
- (11) **WO 2004/088460** (13) A2
- (21) PCT/US2004/009167
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 60/457,845 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND SYSTEM FOR EFFECTING STRAIGHT-THROUGH-PROCESSING OF TRADES OF VARIOUS FINANCIAL INSTRUMENTS
• PROCEDE ET SYSTEME DE MISE EN OEUVRE D'UN TRAITEMENT DIRECT DE COMMERCE DE DIFFERENTS INSTRUMENTS FINANCIERS
- (71) **TRADEWEB GROUP L.L.C.** [US/US]; Harborside Financial Center, Plaza Five, Jersey City, NJ 07311 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOFFEY, James, Warden** [US/US]; 30 Pembroke Road, Summit, NJ 07901 (US).
- (74) **POKOTILOW, Steven, B.**; Stroock & Stroock & Lavan LLP, 180 Maiden Lane, 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) **WO 2004/088461** (13) A2
- (21) PCT/US2004/009196
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 10/401,459 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LOCAL EMULATION OF DATA RAM UTILIZING WRITE-THROUGH CACHE HARDWARE WITHIN A CPU MODULE
• EMULATION LOCALE DE DONNEES DE RAM AU MOYEN DE MATERIEL DE MEMOIRE CACHE A ECRITURE IMMEDIATE AU SEIN D'UN MODULE CPU
- (71) **EMULEX DESIGN & MANUFACTURING CORPORATION** [US/US]; 3333 Susan Street, Costa Mesa, CA 92626 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **SPENCER, Thomas, Vincent**; Emulex Corporation, 3333 Susan Street, Costa Mesa, CA 92626 (US).
- (74) **KUBOTA, Glenn, M.** et al. / etc.; Morrison & Foerster LLP, 555 W. Fifth Street, Suite 3500, Los Angeles, CA 90013 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) **WO 2004/088463** (13) A2
- (21) PCT/US2004/009199
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/458,877 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • POINT OF CARE STATION
• POSTE DE POINT DE SOINS
- (71) **CARDINAL HEALTH 301, INC.** [US/US]; 3750 Torrey View Court, San Diego, CA 92130 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THOMAS, Steve** [US/US]; P.O. Box 9468, Rancho Santa Fe, CA 92067 (US). **BROADFIELD, Laird** [US/US]; 11007 Cloverhurst Way, San Diego, CA 92130

(US). **SOBIE, Rob** [US/US]; 11732 Wills Creek Road, San Diego, CA 92131 (US). **ROSS, Graham** [US/US]; 16395 Summer Sage Road, Poway, CA 92064 (US). **BUCKLEY, Chris** [US/US]; 11602 Via Firul, San Diego, CA 92128 (US). **WAHL, Stephan** [—/US] **GIVECHI, Roshigi** [—/US] **SKOSKIEWICZ, Andrzej** [—/US]

(74) **NICKEY, Donald, O.** et al. / etc.; Cardinal Health, Inc., 7000 Cardinal Place, Dublin, OH 43017 (US).

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

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

(51)⁷ G06F

(11) WO 2004/088464 (13) A2

(21) PCT/US2004/009250

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,477 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR DATA CLEANSING

• SYSTEME ET PROCEDE DE NETTOYAGE DE DONNEES

(71) **DUN & BRADSTREET, INC.** [US/US]; 103 JFK Parkway, Short Hills, NJ 07078 (US).

(72) **KAPOCHUNAS, Andrew**; 884 Bellis Parkway, Oradell, NJ 07649 (US). **BERGELT, Cynthia, W.**; 27 Third Avenue, Mine Hill, NJ 07803 (US).

(74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 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 US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G06F

(11) WO 2004/088465 (13) A2

(21) PCT/US2004/009266

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,831 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OUT-OF-SEQUENCE ENDORSEMENT PROCESSING IN INSURANCE POLICY MANAGEMENT SYSTEM

• TRAITEMENT D'AVENANT HORS SEQUENCE DANS UN SYSTEME DE GESTION DE POLICE D'ASSURANCE

(71) **THE OHIO CASUALTY INSURANCE COMPANY** [US/US]; 9450 Seward Road, Fairfield, OH 45014 (US).

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(72, 75) **KELLINGTON, John, S.** [US/US]; 937 Locust Lane, Cincinnati, OH 45245 (US).

(74) **STALLARD, David, S.** 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/088466 (13) A2

(21) PCT/US2004/009267

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/401,363 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DYNAMIC PRELOADING OF INSURANCE PRODUCT DATA IN INSURANCE POLICY MANAGEMENT SYSTEM

• PRECHARGEMENT DYNAMIQUE DE DONNEES DE PRODUITS D'ASSURANCES DANS UN SYSTEME DE GESTION DE POLICES D'ASSURANCE

(71) **THE OHIO CASUALTY INSURANCE COMPANY** [US/US]; 9450 Seward Road, Fairfield, OH 45014 (US).

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(72, 75) **KELLINGTON, John, S.** [US/US]; 937 Locust Lane, Cincinnati, OH 45245 (US).

(74) **STALLARD, David, S.** 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/088467 (13) A2

(21) PCT/US2004/009295

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,171 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD, APPARATUS, AND ARTICLE FOR FORCE FEEDBACK BASED ON TENSION CONTROL AND TRACKING THROUGH CABLES

• PROCEDE, APPAREIL ET ARTICLE POUR RETOUR D'EFFORT BASE SUR UNE COMMANDE DE TENSION ET UN REPERAGE PAR L'INTERMEDIAIRE DE CABLES

(71) **MIMIC TECHNOLOGIES INC.** [US/US]; 4033 Aurora Avenue North, Suite 201, Seattle, WA 98103 (US).

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

(72, 75) **BERKLEY, Jeffrey, J.** [US/US]; 5304 Wallingford Avenue N., Seattle, WA 98103 (US). **KIM, Seahak** [KR/KR]; 1356 Sujin-dong, Sujung-ku, Seoul (KR). **HONG, Sungkwan** [KR/JP]; 4-16-4-201 Minamidai Sagamihara-shi, Kanagawa-ken, Japan 228-0814 (JP).

(74) **BENNETT, Harold, H.** 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)⁷ G06F

(11) WO 2004/088468 (13) A2

(21) PCT/US2004/009309

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,231 26 Mar/mar 2003 US (26.03.2003)

- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SYSTEM AND METHOD FOR DEFINING T-SPLINE AND T-NURCC SURFACES USING LOCAL REFINEMENTS
• SYSTEME ET PROCEDE SERVANT A DEFINIR DES SURFACES DE T-SPLINE ET T-NURCC AU MOYEN D'UNE METHODOLOGIE LOCALE EVOLUEE
- (71) BRIGHAM YOUNG UNIVERSITY [US/US]; A-285 Abraham Smoot Building, P.O. Box 21231, Provo, UT 84602-1231 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEDERBERG, Thomas, W. [US/US]; 331 North 1100 East, Orem, UT 84097 (US).
- (74) PERRY, Steve, M. 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).
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- (51)⁷ G06F
- (11) WO 2004/088469 (13) A2
- (21) PCT/US2004/009312
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/458,662 28 Mar/mar 2003 US (28.03.2003)
- (30) 60/458,759 16 Jun/juin 2003 US (16.06.2003)
- (30) 10/810,113 25 Mar/mar 2004 US (25.03.2004)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DUAL PORT USB INTERFACE
• INTERFACE USB A DOUBLE PORT
- (71, 72) SCHADE, Peter, Arthur [US/US]; 521 Valley Way, Milpitas, CA 95035 (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)⁷ G06F
- (11) WO 2004/088471 (13) A2
- (21) PCT/US2004/009391
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/457,566 27 Mar/mar 2003 US (27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND APPARATUS FOR ASSOCIATING DOCUMENTS WITH SHIPPING CONTAINERS
• PROCEDE ET APPAREIL POUR ASSOCIER DES DOCUMENTS A DES CONTENEURS D'EXPEDITION
- (71) FEDERAL EXPRESS CORPORATION [US/US]; 3620 Hacks Cross, Building B, Third Floor, Memphis, TN 38125 (US).
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- (72, 75) FEE, Robert, A. [US/US]; 5227 Scottsdale Avenue, Memphis, TN 38118 (US).
-
- (51)⁷ G06F
- (11) WO 2004/088473 (13) A2
- (21) PCT/US2004/009424
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 60/457,166 25 Mar/mar 2003 US (25.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MEDICAL INFORMATION SYSTEM
• SYSTEME D'INFORMATIONS MEDICALES
- (71) SYNAMED [US/US]; 125-10 Queens Blvd. #2709, Kew Gardens, NY 11415 (US).
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- (72, 75) KIM, Back [KR/US]; 11 Lake Road West, Lake Success, NY 11020 (US). MAL-LAH, Richard, I. [US/US]; 68-36 147th Street, Kew Garden Hills, NY 11367 (US). KIM, In Koo [US/US]; 325 1st St. #C4, Brooklyn, NY 11215 (US). WONG, Kenneth [US/US]; 47-13 88th St., Elmhurst, NY 11373 (US).
- (74) REIBMAN, Andrew, L.; 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)⁷ G06F
- (11) WO 2004/088472 (13) A2
- (21) PCT/US2004/009420
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 10/400,924 28 Mar/mar 2003 US (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHODS AND SYSTEMS FOR ASSESSING AND ADVISING ON ELECTRONIC COMPLIANCE
• PROCEDES ET SYSTEMES D'EVALUATION ET DE CONSEIL SUR LA CONFORMITE ELECTRONIQUE
- (71) TRUSTWAVE CORPORATION [US/US]; 201 Defense Highway, Suite 205, Annapolis, MD 21401 (US).
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- (72, 75) PATANELLA, Joseph [US/US]; 15 Spa Creek Landing, B2, Annapolis, MD 21403 (US).
- (74) RUDICH, Rebecca, Goldman; McKenna Long & Aldridge LLP, 1900 K Street, N.W., 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).
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- (51)⁷ G06F
- (11) WO 2004/088473 (13) A2
- (21) PCT/US2004/009424
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 60/457,166 25 Mar/mar 2003 US (25.03.2003)

(30) 60/457,167 **25 Mar/mar 2003** US
(25.03.2003)

(30) 60/457,164 **25 Mar/mar 2003** US
(25.03.2003)

(30) 60/457,165 **25 Mar/mar 2003** US
(25.03.2003)

(30) 60/457,163 **25 Mar/mar 2003** US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FREIGHT FULFILLMENT AND TRADING PLATFORM

• TRANSPORT DE MARCHANDISES ET PLATEFORME D'ECHANGE

(71) FUTUREFREIGHT CORPORATION [US/US]; 634 Jay Street, Suite A, Los Altos, CA 94022 (US).

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(72, 75) LAURENT, Pierre, L. [US/US]; 634 Jay Street, Los Altos, CA 94022 (US). MINER, Peter [US/US]; 566 Van Buren Street, Los Altos, CA 94022 (US).

(74) NGUYEN, Joseph, A.; IP Strategy Group, P.O. Box 700640, San Jose, CA 95170-0640 (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)⁷ G06F

(11) WO 2004/088474 (13) A2

(21) PCT/US2004/009431

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/457,997 **28 Mar/mar 2003** US
(28.03.2003)

(30) 60/492,964 **7 Aug/août 2003** US
(07.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRONIC CARDS SYSTEMS AND METHODS

• PROCEDES ET SYSTEMES DE CARTES ELECTRONIQUES

(71, 72) ASLANIAN, John, R., Jr. [US/US]; 3 Bretton Road, Scarsdale, NY 10583 (US).

(74) PARKER, Stephen, B. 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)⁷ G06F

(11) WO 2004/088475 (13) A2

(21) PCT/US2004/009446

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,921 **28 Mar/mar 2003** US
(28.03.2003)

(30) 10/646,331 **22 Aug/août 2003** US
(22.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED METHODS FOR RANKING NODES IN LARGE DIRECTED GRAPHS

• PROCEDES AMELIORES DE CLASSEMENT DE NOEUDS DANS DE GRANDS GRAPHS ORIENTES

(71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY [US/US]; The Office of Technology Licensing, 17056 El Camino Real, Palo Alto, CA 94306-1106 (US).

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(72) KAMVAR, Sepandar, D.; 1805 Park Blvd., Palo Alto, CA 94306 (US). HAVELIWALA, Taher, H.; 1600 Villa Str., Apt. 306, Mountain View, CA 94041 (US). JEH, Glen; 48, Rudden Avenue, San Francisco, CA 94112 (US). GOLUB, Gene; 576 Constanzo Str., Stanford, CA 94305 (US).

(74) LUMEN IPS, et al. / etc.; 2345 Yale Str., 2nd Fl., 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)⁷ G06F

(11) WO 2004/088476 (13) A2

(21) PCT/US2004/009498

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,321 **27 Mar/mar 2003** US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PERFORMING PREDICTIVE PRICING BASED ON HISTORICAL DATA

• ESTIMATION DU PRIX FONDEE SUR DES DONNEES ANTERIEURES

(71) UNIVERSITY OF WASHINGTON [US/US]; 4311-11th Avenue N.E., Suite 500, Seattle, WA 98105 (US).

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(72, 75) ETZIONI, Oren [US/US]; 6127 N.E. Keswick Drive, Seattle, WA 98105 (US). KNOBLOCK, Craig, A. [US/US]; 623 Sierra Street, El Segundo, CA 90245 (US). TUCHINDA, Rattapoom [TH/US]; 3767 Clarington Avenue #243, Los Angeles, CA 90034 (US). YATES, Alexander [US/US]; 4231 Twelfth Avenue N.E. #105, Seattle, WA 98105 (US).

(74) WHITE, James, A. et al. / etc.; 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G06F

(11) WO 2004/088477 (13) A2

(21) PCT/US2004/009500

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/401,040 **28 Mar/mar 2003** US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS AND METHOD FOR NETWORK VULNERABILITY DETECTION AND COMPLIANCE ASSESSMENT

• APPAREIL ET PROCEDE DE DETECTION DE VULNERABILITE DE RESEAU ET DE CONTROLE DE CONFORMITE

(71) TRUSTWAVE CORPORATION [US/US]; 201 Defense Highway, Suite 205, Annapolis, MD 21403 (US).

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(72, 75) GREEN, Kenneth [US/US]; 6215 Strathford Court, Elkridge, MD 21075 (US). PATANELLA, Joseph [US/US]; 15 Spa Creek Landing, B2, Annapolis, MD 21403 (US). SCHETINA, Erik [US/US]; 23 West 73rd Street, #903, New York, NY 10023 (US). PRATHER, Brian [US/US]; 1307 Thomas Road, Pasadena, MD 21122 (US).

(74) RUDICH, Rebecca, Goldman; McKenna Long & Aldridge LLP, 1900 K Street, N.W., 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).
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- (51)⁷ G06F
- (11) WO 2004/088478 (13) A2
- (21) PCT/US2004/009521
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 10/404,184 31 Mar/mar 2003 US (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • AUTONOMOUS BUILT-IN SELF-TEST FOR INTEGRATED CIRCUITS
- SYSTEME DE CONTROLE AUTOMATIQUE INTEGRE AUTONOME POUR CIRCUITS INTEGRES
- (71) ARRAY COMM, INC. [US/US]; 2480 N. First Street, Suite 200, San Jose, CA 95131 (US).
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- (72, 75) BHORA, Veerendra [IN/US]; 1063 Morse Avenue #8103, Sunnyvale, CA 94089 (US). BOROS, Tibor [HU/US]; 400 Beale Street #903, San Francisco, CA 94105 (US). ROY, Pulakesh [BD/US]; 910 Rockefeller Dr. #14A, Sunnyvale, CA 94087 (US).
- (74) CALDWELL, Gregory, D.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 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).
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- (51)⁷ G06F
- (11) WO 2004/088479 (13) A2
- (21) PCT/US2004/009529
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) en (26) en
- (30) 60/458,829 26 Mar/mar 2003 US (26.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ONLINE INTELLIGENT MULTILINGUAL COMPARISON-SHOP AGENTS FOR WIRELESS NETWORKS

- AGENTS DE VENTE DE COMPARAISON MULTILINGUES INTELLIGENTS EN LIGNE POUR RESEAUX SANS FIL
- (71, 72) HSIEH, Victor [US/US]; 1214 South 9th Street, Alhambra, CA 91801 (US).
- (74) SEKIMURA, Gerald, T.; Gray Cary Ware & Freidenrich LLP, 153 Townsend Street, Suite 800, San Francisco, CA 94107 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 2004/088480 (13) A2
- (21) PCT/US2004/009687
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 10/401,638 28 Mar/mar 2003 US (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SYSTEM AND METHOD FOR GENERATING EXTERNAL COUNTERPULSATION
- SYSTEME ET PROCEDE POUR L'ETABLISSEMENT DE CONTRE-PULSION EXTERNE
- (71) APPLIED CARDIAC SYSTEMS, INC [US/US]; 22912 El Pacifica Drive, Laguna Hills, CA 92653 (US).
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- (72) BURNS, Kenneth, L.; 22912 El Pacifica Drive, Laguna Hills, CA 92653 (US). MANERA, Loren, A.; 22912 El Pacifica Drive, Laguna Hills, CA 92653 (US). MANERA, Alexandria; 22912 El Pacifica Drive, Laguna Hills, CA 92653 (US).
- (74) CROCKETT, K. David; Crockett & Crockett, 24012 Calle de la Plata, Suite 400, Laguna Hills, CA 92653 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ G06F
- (11) WO 2004/088481 (13) A2
- (21) PCT/US2004/009692
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 10/400,973 27 Mar/mar 2003 US (27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MECHANISM FOR SIMULTANEOUSLY OPERATING MULTIPLE APPLICATIONS ON A PERSONAL DIGITAL ASSISTANT IMPLEMENTING A PALM OPERATING SYSTEM
- MECANISME POUR LE LANCEMENT SIMULTANE D'APPLICATIONS MULTIPLES SUR UN ASSISTANT NUMERIQUE A SYSTEME D'EXPLOITATION PALM (PALMOS)
- (71) GOOD TECHNOLOGY, INC. [US/US]; 1032 Morse Avenue, Sunnyvale, CA 94089 (US).
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- (72) HOUSE, Eric, Edward; 1270 63rd Street No. 2, Emeryville, CA 94608 (US). TAYLOR, Lee, Ryan; 59 Hobart Avenue, Braintree, MA 02184 (US). MITRA, Christopher, Alan; 3825 La Selva Drive, Palo Alto, CA 94306 (US). BADAMI, Vinay, Shashikumar; 1063 Morse Avenue, Apt. 25-103, Sunnyvale, CA 94089 (US). ALLISON, Glen, Michael; 754 The Alameda # 2311, San Jose, CA 95126 (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).
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- (51)⁷ G06F
- (11) WO 2004/088482 (13) A2
- (21) PCT/US2004/009840
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 10/403,536 31 Mar/mar 2003 US (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND APPARATUS FOR GENERATING A MESSAGE WITH EMBEDDED CONTENT
- PROCEDE ET APPAREIL PERMETTANT DE GENERER UN MESSAGE A CONTENU INTEGRE
- (71) SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **RISING, Hawley, III**; 3300 Zanker Road, San Jose, CA 95134 (US). **TABATABAI, Ali**; 3300 Zanker Road, San Jose, CA 95134 (US). **FISHER, Clay**; 16450 West Bernardo Dr., San Diego, CA 92127 (US). **EDWARDS, Eric**; 3300 Zanker Road, San Jose, CA 95134 (US).

(74) **BUTLER, Richard, H.**; Valley Oak Law, 5655 Silver Creek Valley Road, #106, San Jose, CA 95138 (US).

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

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

(51)⁷ G06F 1/00

(11) WO 2004/088483 (13) A2

(21) PCT/GB2004/000214

(22) 19 Jan/jan 2004 (19.01.2004)

(25) en (26) en

(30) 0307736.9 3 Apr/avr 2003 GB (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM FOR AND METHOD OF DETECTING MALWARE IN MACROS AND EXECUTABLE SCRIPTS

• SYSTEME ET PROCEDE DE DETECTION DE MALICIELS DANS DES MACROS ET DES SCRIPTS EXECUTABLES

(71) **MESSAGELABS LIMITED** [GB/GB]; 1270 Landsdowne Court, Gloucester Business Park, Gloucester GL3 4AB (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SHIPP, Alexander** [GB/GB]; Star Internet, Brighthouse Court, Barmwood, Gloucester GL4 3RT (GB).

(74) **AYERS, Martyn, Lewis, Stanley 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00

(11) WO 2004/088484 (13) A1

(21) PCT/IL2003/000263

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR PREVENTING CLONING OF SECURITY ELEMENTS

• PROCEDE ET APPAREIL DE PREVENTION DU CLONAGE D'ELEMENTS DE SECURITE

(71) **NDS LIMITED** [GB/GB]; One London Road, Staines, Middlesex TW18 4EX (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SUMNER, Reuben** [IL/IL]; 44 Hashomrim Street, 76227 Rehovot (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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)⁷ G06F 1/00

(11) WO 2004/088485 (13) A1

(21) PCT/KR2004/000758

(22) 1 Apr/avr 2004 (01.04.2004)

(25) ko (26) en

(30) 10-2003-0020707 2 Apr/avr 2003 KR (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CASE FOR DESKTOP COMPUTER

• BOITIER D'ORDINATEUR DE BUREAU

(71) **ENTERPRISE GOLDENCHIP, INC.** [KR/KR]; 1317, Yeoksam Venture Tel, 642-1 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PARK, Chan-Joon** [KR/KR]; 1317, Yeoksam Venture Tel, 642-1 Yeoksam-dong, Gangnam-gu, Seoul 135-080 (KR).

(74) **YOU ME PATENT & LAW FIRM**; 825-33 Yoksam-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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁶ G06F 1/02, 5/00

(11) WO 2004/088486 (13) A1

(21) PCT/JP1997/000443

(22) 19 Feb/fév 1997 (19.02.1997)

(25) ja (26) ja

(30) 8/63783 26 Feb/fév 1996 JP (26.02.1996)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOOKUP TABLE DEVICE AND SIGNAL CONVERSION METHOD

• TABLE DE CONSULTATION ET PROCEDE DE CONVERSION DES SIGNAUX

(71, 72) **MURATA, Hiroyuki** [JP/JP]; Room 407, Dai8Mitsui Bldg., 3-30-8, Minamiohi, Shingawa-ku, Tokyo 140 (JP). **YOKOTA, Takashi** [JP/JP]; Room 102, Dai17Maruyohausu, 5-20-7, Hiyoshihonocho, Kouhoku-ku, Yokohama-shi, Kanagawa 223 (JP).

(72, 75) **MIURA, Katsuhiko** [JP/JP]; 2-28-3, Shimokaizuka, Ichikawa-shi, Chiba 272 (JP).

(74) **FUSE, Yukio et al.** / etc.; Ogikubo TM Building, 2nd floor, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167 (JP).

(81) US.

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(51)⁷ G06F 1/16

(11) WO 2004/088487 (13) A2

(21) PCT/DE2004/000669

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 14 554.0 31 Mar/mar 2003 DE (31.03.2003)

(30) 103 14 555.9 31 Mar/mar 2003 DE (31.03.2003)

(30) 103 14 556.7 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTIFUNCTIONAL NOTEBOOK

• ORDINATEUR PORTATIF MULTIFONCTIONNEL

(71, 72) **SCHWEIZER, Joachim** [DE/DE]; Bergsonstrasse 72b, 81245 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)⁷ G06F 1/16

(11) WO 2004/088488 (13) A2

(21) PCT/EP2004/050283

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 03121576.9 31 Mar/mar 2003 CN
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN ELECTRONIC DEVICE
• DISPOSITIF ELECTRONIQUE

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).
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(71) MOTOROLA LIMITED [GB/GB]; Jays Close, Viables Industrial Estate, Basingstoke Hampshire RG22 4PD (GB).
(only for / seulement pour BW)

(72, 75) ZHU, Jin-Tao [CN/CN]; Lian-Ping village, Fu-Tian Xiang, Zhe-Jiang Province, Yi-Wu Ccty 322000 (CN).

(74) MCCORMACK, Derek, J.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (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)⁷ G06F 1/16

(11) WO 2004/088489 (13) A2

(21) PCT/EP2004/050418

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307519.9 1 Apr/avr 2003 GB
(01.04.2003)

(30) 0307612.2 2 Apr/avr 2003 GB
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A MOBILE COMMUNICATION DEVICE AND A COVER FOR THE SAME
• DISPOSITIF DE COMMUNICATION MOBILE ET SA COUVERTURE

(71) VERTU LTD [GB/GB]; 51 Eastcheap, Greater London EC3M 1JP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUTCHISON, Mark [GB/GB]; Chalgans, Beech Hill Road, Arford, Headley,

Hampshire GU35 8DB (GB). ALLUM, Cedric [GB/GB]; 18 Tylers Road, Hazlemere, Highwycombe Buckinghamshire HP15 7NS (GB).

(74) JONES, Kendra et al. / etc.; Nokia IPR Department, Nokia House, Summit Avenue, Farnborough Hampshire GU14 0NG (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)⁷ G06F 1/16

(11) WO 2004/088490 (13) A2

(21) PCT/IB2004/050340

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03100854.3 1 Apr/avr 2003 EP
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS WITH DISPLAY
• APPAREIL A AFFICHAGE

(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) HUITEMA, Hjalmar, E., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). CANTATORE, Eugenio [IT/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GELINCK, Gerwin, H. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). VAN RENS, Bas, J., E. [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)⁷ G06F 1/16

(11) WO 2004/088491 (13) A1

(21) PCT/KR2004/000698

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/405,199 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ADJUSTABLE KEYBOARD STAND
• SUPPORT DE CLAVIER REGLABLE

(71, 72) HUH, Chul [KR/US]; 6736 Los Verdes Drive #2, Rancho Palos Verdes, CA 90275 (US).

(74) KIM, Kook Nam; 2nd Fl., Shindo BD, 823-10, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ G06F 1/20

(11) WO 2004/088492 (13) A1

(21) PCT/KR2004/000769

(22) 2 Apr/avr 2004 (02.04.2004)

(25) ko (26) en

(30) 20-2003-0010111 3 Apr/avr 2003 KR
(03.04.2003)

(30) 10-2004-0011237 20 Feb/fév 2004 KR
(20.02.2004)

(30) 10-2004-0022614 1 Apr/avr 2004 KR
(01.04.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A RADIATION BODY AND A DEVICE COOLING A HEATING ELEMENT USING THE RADIATION BODY
• CORPS A RAYONNEMENT ET DISPOSITIF DE REFROIDISSEMENT D'UN ELEMENT CHAUFFANT AU MOYEN DU CORPS A RAYONNEMENT

(71) O-FAN CO., LTD. [KR/KR]; Room 222, Business Incubator, Seongnam Polytechnic

- College, 4, Sanseong-dong, Sujeong-gu, Seongnam City, Gyeonggi Province 461-711 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PARK, Noseong** [KR/KR]; #312-402 Purunmaeul Apt., 73, Sunae-dong, Bundang-gu, Seongnam City, Gyeonggi Province 463-020 (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)⁷ **G06F 3/00**
- (11) **WO 2004/088493** (13) A2
- (21) PCT/GB2004/001305
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 10/406,659 **3 Apr/avr 2003 (03.04.2003)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • APPARATUS AND METHOD FOR VERIFYING AUDIO OUTPUT AT A CLIENT DEVICE
• APPAREIL ET PROCÉDE DE VERIFICATION D'UNE SORTIE AUDIO DANS UN DISPOSITIF CLIENT
- (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]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)
- (72, 75) **BHAKTA, Dharmesh** [US/US]; 3101 Wells Branch Parkway, # 1516, Austin, TX 78728 (US). **OBAS, Juan, Francisco** [US/US]; 11441 Interstate Highway 35, #9206, Austin, TX 78753 (US).
- (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)⁷ **G06F 3/00**
- (11) **WO 2004/088494** (13) A1
- (21) PCT/US2004/009556
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) en (26) en
- (30) 10/402,755 **28 Mar/mar 2003 (28.03.2003)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CONTROLLER FOR PORTABLE ELECTRONIC DEVICES
• UNITE DE COMMANDE POUR DISPOSITIFS ELECTRONIQUES PORTABLES
- (71) **02MICRO, INC.** [US/US]; 3118 Patrick Henry Drive, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAM, James** [US/US]; 34760 Swain Common, Fremont, CA 94555 (US). **DENNING, Bruce** [US/US]; 435 Alcalde Avenue, Monterey, CA 93940 (US). **DU, Sterling** [US/US]; 895 Llima Court, Palo Alto, CA 94123 (US).
- (74) **PFLEGER, Edmund, P. et al. / etc.**; Grossman, Tucker, Perreault & Pfleger, 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).
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- Published / Publiée : (c)
-
- (51)⁷ **G06F 3/033**
- (11) **WO 2004/088495** (13) A2
- (21) PCT/EP2004/002997
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 03007665.7 **3 Apr/avr 2003 (03.04.2003)** EP
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR PRESENTING MENU BUTTONS
• PROCÉDE DE PRÉSENTATION DE BOUTONS DE MENU
- (71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HÖRENTROP, Jobst** [DE/DE]; Gabelsbergerstr. 18, 30163 Hannover (DE). **OSTERMANN, Ralf** [DE/DE]; Oberstr. 17, 30167 Hannover (DE). **SCHILLER, Harald** [DE/DE]; Apfelfgarten 11, 30539 Hannover (DE). **ADOLPH, Dirk** [DE/DE]; Wallbrink 2, 30952 Ronnenberg (DE).
- (74) **RITTNER, Karsten**; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (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)⁷ **G06F 3/033, G09G 3/36, 3/34, 3/20, G06T 1/00, G02F 1/133, 1/1368**
- (11) **WO 2004/088496** (13) A1
- (21) PCT/JP2004/004461
- (22) **29 Mar/mar 2004 (29.03.2004)**
- (25) ja (26) ja
- (30) 2003-096479 **31 Mar/mar 2003 (31.03.2003)** JP
- (30) 2004-003066 **8 Jan/jan 2004 (08.01.2004)** JP
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DISPLAY DEVICE AND INFORMATION TERMINAL DEVICE
• DISPOSITIF D'AFFICHAGE ET DISPOSITIF DE TERMINAL D'INFORMATION
- (71) **TOSHIBA MATSUSHITA DISPLAY TECHNOLOGY CO., LTD.** [JP/JP]; 1-8, Konan 4-chome, Minato-ku, Tokyo 1080075 (JP).
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- (72, 75) **NAKAMURA, Takashi** [JP/JP]; 231-1-508, Kuge, Kumagaya-shi, Saitama 3600026 (JP). **YOSHIDA, Masahiro** [JP/JP]; Creare-Toshiba-Tokiwa-308, 61, Tokiwa-cho, Fukaya-shi, Saitama 3660034 (JP). **HAYASHI, Hirotaka** [JP/JP]; 64-1-F-402, Tokiwa-cho, Fukaya-shi, Saitama 3660034 (JP). **ISHIKAWA, Miyuki** [JP/JP]; 1-18-20, Ohara, Kumagaya-shi, Saitama 3600812 (JP). **TANAKA, Yasuharu** [JP/JP]; Eldim-Sekiguchi-203, 245, Sakuragaoka, Fukaya-shi, Saitama 3660802 (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)⁷ G06F 3/06, G11B 7/007, 20/12

(11) WO 2004/088497 (13) A1

(21) PCT/IB2004/000991

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03290853.5 4 Apr/avr 2003 EP
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA CARRIER FOR STORING FILES,
APPARATUS FOR MANAGING SUCH
A CARRIER AND METHOD FOR PRO-
CESSING DATA, IN SUCH A CARRIER
• SUPPORT DE DONNEES POUR STO-
CKER DES FICHIERS, APPAREIL
DE GESTION DU SUPPORT ET PRO-
CEDE DE TRAITEMENT DE DON-
NEES DANS LE SUPPORT

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KELLY, Declan, Patrick [IE/NL];
Société Civile SPID c/o, 156 Boulevard
Haussmann, F-75008 PARIS (FR). VAN
GASSEL, Jozef, Pieter [NL/NL]; Société
Civile SPID c/o, 156 Boulevard Haussmann,
F-75008 PARIS (FR). BLACQUIERE, Jo-
hannis, Friso, Rendert [NL/NL]; Société
Civile SPID c/o, 156 Boulevard Haussmann,
F-75008 PARIS (FR). WIJNANDS, Rudi,
Jozef, Marie [NL/NL]; Société Civile
SPID c/o, 156 Boulevard Haussmann,
F-75008 PARIS (FR). SCHOLL, Gerrit,
Jan [NL/NL]; Société Civile SPID c/o, 156
Boulevard Haussmann, 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).

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)⁷ G06F 3/06

(11) WO 2004/088498 (13) A2

(21) PCT/US2004/008825

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/402,334 29 Mar/mar 2003 US
(29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SOFT ADDRESSING FOR DISK DRIVE
ENCLOSURES

• ADRESSAGE PONDERE POUR ENVE-
LOPPES D'UNITE DE DISQUE

(71) EMC CORPORATION [US/US]; 35 Park-
wood Drive, Hopkinton, MA 01748 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72) REID, Geoffrey, A.; 17 Adams Street, Little-
ton, MA 01460 (US). SARDELLA, Steven,
D.; PMB #191, 771 Boston Post Road East,
Marlborough, MA 01752 (US).

(74) DAGG, David, A.; Steubing McGuinness &
Manaras LLP, 125 Nagog Park Drive, Acton,
MA 01720 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ G06F 3/12

(11) WO 2004/088499 (13) A1

(21) PCT/JP2004/004322

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-092489 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRINT CONTENT TRANSMISSION
DEVICE, PRINT DEVICE, AND PRINT
SYSTEM

• DISPOSITIF DE TRANSMISSION
D'UN CONTENU IMPRIME, DISPO-
SITIF D'IMPRESSION ET SYSTEME
D'IMPRESSION

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).
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les États désignés sauf US)

(72, 75) HISATOMI, KenjiMURATA,
Kazuyuki

(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 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)⁷ G06F 7/00

(11) WO 2004/088500 (13) A1

(21) PCT/JP2004/004752

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-093922 31 Mar/mar 2003 JP
(31.03.2003)

(30) 2003-105762 9 Apr/avr 2003 JP
(09.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROGRAMMABLE LOGIC DEVICE

• DISPOSITIF LOGIQUE PROGRAM-
MABLE

(71) KITAKYUSHU FOUNDATION FOR
THE ADVANCEMENT OF INDUS-
TRY SCIENCE AND TECHNOLOGY
[JP/JP]; 2-1, Hibikino, Wakamatsu-ku, Ki-
takyushu-shi, Fukuoka 808-0135 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SASAO, Tsutomu [JP/JP]; 15-17, Torikai 3-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0053 (JP). IGUCHI, Yukihiro [JP/JP]; 1320-1231, Gora, Hakonemachi, Ashigarashimo-gun, Kanagawa 250-0408 (JP).

(74) ISHIDA, Kazuto; Room T-302, Kitakyushu Science and Research Park Collaboration Center, 2-1, Hibikino, Wakamatsu-ku, Kitakyushu-shi, Fukuoka 808-0135 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ G06F 7/00, 15/16

(11) WO 2004/088501 (13) A1

(21) PCT/US2004/009478

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,588 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR TRANSMITTING MEDIA BASED FILES

• SYSTEME ET PROCEDE POUR TRANSMETTRE DES FICHIERS A BASE MEDIA

(71) THOMSON Licensing S.A. [FR/FR]; 46 Quai A. Le Gallo, F-92100 Boulogne-Billancourt (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NEWBERRY, Thomas, Patrick [US/US]; 19145 Tomlinson Road, Westfield, IN 46074 (US). CALVERT, Kerry, Wayne [US/US]; 8354 Twin Pointe Circle, Indianapolis, IN 46236 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; 2 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).

Published / Publiée : (c)

(51)⁷ G06F 9/00

(11) WO 2004/088502 (13) A2

(21) PCT/EP2004/003603

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 103 15 295.4 4 Apr/avr 2003 DE (04.04.2003)

(30) 103 21 834.3 15 May/mai 2003 DE (15.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR DATA PROCESSING

• PROCEDE ET DISPOSITIF DE TRAITEMENT DE DONNEES

(71) PACT XPP TECHNOLOGIES AG [DE/DE]; Muthmannstrasse 1, 80939 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VORBACH, Martin [DE/DE]; Gotthardstrasse 117a, 80689 München (DE).

(74) PIETRUK, Claus, Peter; Heinrich-Lilienfein-Weg 5, 76229 Karlsruhe (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)⁷ G06F 9/315

(11) WO 2004/088503 (13) A2

(21) PCT/EP2004/003063

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 14 928.7 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND PROGRAM-CONTROLLED UNIT FOR DISPLACING BIT FIELDS

• PROCÉDÉ ET UNITÉ PROGRAMMÉE POUR DÉCALER UN CHAMP BINAIRE

(71) INFINEON TECHNOLOGIES AG [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIE, Xiaoning [DE/DE]; Brehmstrasse 10, 81543 München (DE). WAHL, Thomas [DE/DE]; Sturmstrasse 1, 36037 Fulda (DE).

(74) CHARLES, Glyndwr; Reinhard Skuhra Weise & Partner GbR, Friedrichstrasse 31, 80801 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)⁷ G06F 9/32, 9/38

(11) WO 2004/088504 (13) A1

(21) PCT/GB2003/005388

(22) 11 Dec/déc 2003 (11.12.2003)

(25) en (26) en

(30) 0307821.9 4 Apr/avr 2003 GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONTROLLING EXECUTION OF A BLOCK OF PROGRAM INSTRUCTIONS WITHIN A COMPUTER PROCESSING SYSTEM

• COMMANDE DE L'EXECUTION D'UN BLOC D'INSTRUCTIONS DE PROGRAMME DANS UN SYSTEME INFORMATIQUE

(71) ARM LIMITED [GB/GB]; 110 Fulbourn Road, Cherry Hinton, Cambridge CB1 9NJ (GB).

(72) VASEKIN, Vladimir; 76 Winfold Road, Waterbeach, Cambridge CB5 9QF (GB).

(74) ROBINSON, Nigel, Alexander, Julian; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (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 NI NO NZ OM PG PH PL PT 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)

(51)⁷ G06F 9/40

(11) WO 2004/088505 (13) A2

(21) PCT/CA2004/000484

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/458,364 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR USING A SEQUENCE OF COMMANDS RESPECTING AT LEAST ONE RULE

- PROCEDE ET DISPOSITIF POUR UTILISER UNE SEQUENCE DE COMMANDES SUIVANT AU MOINS UNE REGLE
- (71) **GESTION VALÉO, S.E.C.** [CA/CA]; 550, Sherbrooke Street West, Suite 100, Montréal, Québec H3A 1B9 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RADU, Deca** [CA/CA]; 1190, Du Fort Street, Apt. 801, Montréal, Québec H3H 2B5 (CA). **CHERKAOUI, Omar** [CA/CA]; 5167 Côte Saint-Antoine, Montréal, Québec H3C 3P8 (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).
-
- (51)⁷ **G06F 9/40**
- (11) **WO 2004/088507** (13) A2
- (21) PCT/GB2004/001249
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 10/406,652 **3 Apr/avr 2003 (03.04.2003)** US
- (30) 10/616,676 **10 Jul/juil 2003 (10.07.2003)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • APPARATUS AND METHOD FOR PROVIDING METERED CAPACITY OF COMPUTER RESOURCES
• APPAREIL ET PROCEDE POUR PRODUIRE UNE CAPACITE MESUREE DE RESSOURCES INFORMATIQUES
- (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) **BIRKESTRAND, Daniel, Charles** [US/US]; 1305 Glendale Hills Drive NE, Rochester, Minnesota 55906 (US). **GRIMM, Randall, Lane** [US/US]; 5811 Colonial Lane SE, Rochester, Minnesota 55904 (US). **LEWIS, David, Otto** [US/US]; 1609 Ridge Drive NE, Rochester, Minnesota 55906 (US). **SCHARDT, Terry, Lyle** [US/US]; 1083 White Birch Court NW, Oronoco, Minnesota 55960 (US).
- (74) **MATHER, Belinda**; IBM United Kingdom Limited, 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)⁷ **G06F 9/40**
- (11) **WO 2004/088506** (13) A2
- (21) PCT/GB2004/001219
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 10/406,652 **3 Apr/avr 2003 (03.04.2003)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD TO PROVIDE ON-DEMAND RESOURCE ACCESS
• PROCEDE POUR FOURNIR UN ACCES A DES RESSOURCES SUR DEMANDE
- (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) **BIRKESTRAND, Daniel, Charles** [US/US]; 1305 Glendale Hills Drive N.E., Rochester, Minnesota 55906 (US). **GRIMM, Randall, Lane** [US/US]; 5811 Colonial Lane S.E., Rochester, Minnesota 55904 (US). **LEWIS, David, Otto** [US/US]; 1609 Ridge Drive N.E., Rochester, Minnesota 55906 (US). **SCHARDT, Terry, Lyle** [US/US]; 1083 White Birch Court N.W., Oronoco, Minnesota 55960 (US).
- (74) **MATHER, Belinda**; IBM United Kingdom Limited, Intellectual Property Law, Hursley
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 9/40**
- (11) **WO 2004/088508** (13) A2
- (21) PCT/GB2004/001392
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) en (26) en
- (30) 0307805.2 **4 Apr/avr 2003 (04.04.2003)** GB
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • A METHOD OF CREATING SOFTWARE THAT IS PORTABLE ACROSS DIFFERENT OPERATING SYSTEMS
• PROCEDE DE CREATION D'UN LOGICIEL TRANSFERABLE ENTRE DIFFERENTS SYSTEMES D'EXPLOITATION
- (71) **INTUWAVE LIMITED** [GB/GB]; Siena Court, The Broadway, Maidenhead, Berkshire SL6 1NJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KARDASH, Anatoly** [IL/IL]; 20/3 Kiryath Sefer St., 75220 Rishon LeZion (IL).
- (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)⁷ **G06F 9/40**
- (11) **WO 2004/088509** (13) A2
- (21) PCT/GB2004/001451
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 10/406,653 **3 Apr/avr 2003 (03.04.2003)** US
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • APPARATUS, SYSTEM AND METHOD OF APPENDING A GROUP OF FILES TO FILES ON A CLIPBOARD OF A DESKTOP
• APPAREIL, SYSTEME ET PROCEDE D'ANNEXION D'UN GROUPE DE FICHIERS A DES FICHIERS SUR UN PRESSE-PAPIERS D'UN ORDINATEUR DE BUREAU
- (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) **MARION, Neal, Richard** [US/US]; 406 Thunderbay Drive, Georgetown, TX 78626 (US). **RAMSAY, George, III** [US/US]; 2617 Goldfinch, Cedar Park, TX 78613 (US).

(74) **WATSON, Justine, Nicola;** 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)⁷ G06F 9/40

(11) **WO 2004/088510** (13) A2

(21) PCT/US2004/008803

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 10/397,880 **25 Mar/mar 2003 US (25.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SYSTEM AND METHOD FOR SUPPLEMENTING PROGRAM BUILDS WITH FILE USAGE INFORMATION

• SYSTEME ET PROCEDE PERMETTANT DE COMPLETER DES PROGRAMMES DE CONSTRUCTION DE PROGRAMMES AU MOYEN D'INFORMATIONS D'UTILISATION D'UN FICHIER

(71) **ELECTRIC CLOUD, INC.** [US/US]; 2307 Leghorn Street, Mountain View, CA 94043 (US).

(72) **OUSTERHOUT, John;** 726 Ashby Drive, Palo Alto, CA 94301 (US). **DELMAS, Sven;** 28 Cobblestone Lane, Belmont, CA 94002 (US). **GRAHAM-CUMMING, John;** 223 West 21st Street #3N, New York, NY 10011 (US). **MELSKI, Eric;** 3775 Flora Vista Avenue #205, Santa Clara, CA 95051 (US). **MUZAFFAR, Usman;** 959 La Mesa Terrace #G, Sunnyvale, CA 94086 (US). **STANTON, Scott;** 198 Spruce Avenue, Menlo Park, CA 94025 (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)⁷ G06F 9/44

(11) **WO 2004/088511** (13) A2

(21) PCT/GB2004/001130

(22) **17 Mar/mar 2004 (17.03.2004)**

(25) en (26) en

(30) 10/406,378 **2 Apr/avr 2003 US (02.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROGRAM CREATION BY COMBINING WEB SERVICES USING GRAPHIC USER INTERFACE CONTROLS

• CREATION DE PROGRAMMES PAR COMBINAISON DE SERVICES WEB AU MOYEN DE COMMANDES D'UNE INTERFACE GRAPHIQUE D'UTILISATEUR

(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) **GOODMAN, Brian** [US/US]; 78 Olive Street, Apt. 509, New Haven, Connecticut 06511 (US). **KEBINGER, James** [GB/US]; 1007 Aspen Glen Dr., Hamden, Connecticut 06518 (US). **LAGARDE, Konrad** [US/US]; 63 Andover Dr., Milford, Connecticut 06460 (US). **ROGERS, Richard** [US/US]; 9401 Owls Nest Dr., Raleigh, North Carolina 27613 (US). **SHU, Chen** [CN/US]; 176 Falls Terrace, Oakville, Connecticut 06779 (US).

(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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/44

(11) **WO 2004/088512** (13) A2

(21) PCT/GB2004/001247

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 10/406,652 **3 Apr/avr 2003 US (03.04.2003)**

(30) 10/616,675 **10 Jul/juil 2003 US (10.07.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS AND METHOD FOR ASSURING RECOVERY OF TEMPORARY RESOURCES IN A LOGICALLY PARTITIONED COMPUTER SYSTEM

• APPAREIL ET PROCEDE POUR ASSURER LA RECUPERATION DE RESOURCES TEMPORAIRES DANS UN SYSTEME INFORMATIQUE PARTITIONNE DE MANIERE LOGIQUE

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, New York 10504 (US).

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(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).

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(72, 75) **BIRKESTRAND, Daniel, Charles** [US/US]; 1305 Glendale Hills Drive NE, Rochester, Minnesota 55906 (US). **SCHARDT, Terry, Lyle** [US/US]; 1083 White Birch Court NW, Oronoco, Minnesota 55960 (US).

(74) **MATHER, Belinda;** 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)⁷ G06F 9/44

(11) **WO 2004/088513** (13) A1

(21) PCT/JP2004/004413

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) ja (26) ja

(30) 2003-095884 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND COMPUTER SYSTEM FOR SUPPORTING USER USING SIMULATION TOOL

• PROCEDE ET SYSTEME INFORMATIQUE PERMETTANT D'ASSISTER UN UTILISATEUR UTILISANT UN OUTIL DE SIMULATION

(71) **RIKEN** [JP/JP]; 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP).

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- (72, 75) **SUNAGA, Hideyuki**, [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). **HIROSAWA, Toshio**, [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). **MAKINOCHI, Akitake**, [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP). **TAKAHASHI, Yoshiki**, [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama, 3510198 (JP).

- (74) **OKUYAMA, Shoichi**, et al. / etc.; 8th Floor, Akasaka NOA Bldg., 2-12, Akasaka 3-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 9/445

(11) WO 2004/088514 (13) A1

(21) PCT/JP2004/004433

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-092166 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INFORMATION PROVIDING DEVICE, METHOD, AND INFORMATION PROVIDING SYSTEM

• DISPOSITIF FOURNISSEUR D'INFORMATIONS, PROCÉDE ASSOCIÉ ET SYSTÈME FOURNISSEUR D'INFORMATIONS

- (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

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- (72, 75) **FUJITA, Masahiro** [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). **OMOTE, Masanori** [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).

Published / Publiée : (a)

(51)⁷ G06F 9/445

(11) WO 2004/088515 (13) A1

(21) PCT/SG2004/000077

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 200301759-7 2 Apr/avr 2003 SG (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PORTABLE OPERATING SYSTEM AND METHOD TO LOAD THE SAME

• SYSTÈME D'EXPLOITATION PORTATIF ET PROCÉDE DE CHARGEMENT

- (71) **TREK 2000 INTERNATIONAL LTD.** [SG/SG]; 30 Loyang Way #07-13/14/15, Loyang Industrial Estate, Singapore 508769 (SG).

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- (72, 75) **POO, Teng, Pin** [MY/SG]; Blk 44 Bedok South Road #11-763, Singapore 460044 (SG).

- (74) **WATKIN, Timothy, Lawrence, Harvey**; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (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).

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(11) WO 2004/088516 (13) A1

(21) PCT/EP2004/001382

(22) 13 Feb/fév 2004 (13.02.2004)

(25) en (26) en

(30) 03007527.9 1 Apr/avr 2003 EP (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND COMPUTER SYSTEM FOR ACTIVATION OF SOURCE FILES

• PROCÉDE ET SYSTÈME INFORMATIQUE POUR L'ACTIVATION DE DOCUMENTS D'ORIGINE

- (71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Neurottstrasse 16, 69190Wall-dorf (DE).

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- (72, 75) **BARTSCH, Eduard** [DE/DE]; Kolpingstr. 14, 68766 Hockenheim (DE). **LIENHARDT, Joerg** [DE/DE]; Haydenstrasse 17, 69190 Walldorf (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)⁷ G06F 9/46, 17/60

(11) WO 2004/088517 (13) A1

(21) PCT/EP2003/004518

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) PCT/EP03/03334 31 Mar/mar 2003 EP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD AND A COMPUTER SYSTEM FOR SCHEDULING PROCESSES IN PROCESS CHAINS

• PROCÉDE ET SYSTÈME INFORMATIQUE PERMETTANT DE PLANIFIER DES TRAITEMENTS DANS DES CHAINES DE TRAITEMENT

- (71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Neurottstr. 16, 69190 Walldorf (DE).

- (72) **WESTENDORF, Frank**; Anemonenweg 13, 76698 Ubstadt-Weiher (DE). **PEDERSEN, Bent, Foss**; Brillantvej 4, DK-4040 Jyllinge (DK).

- (74) **HÖSSLE KUDLEK & PARTNER**; P.O. Box 10 23 38, 70019 Stuttgart (DE).

- (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 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)⁷ G06F 11/34, 9/46

(11) WO 2004/088518 (13) A1

(21) PCT/JP2003/004087

(22) 31 Mar/mar 2003 (31.03.2003)

- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CPU USE TIME COUNTING METHOD AND JOB CONTROL DEVICE USING THE CPU USE TIME
- PROCEDE DE DECOMPTE DE TEMPS D'UTILISATION D'UNITE CENTRALE ET DISPOSITIF DE CONTROLE DE TACHE FAISANT APPEL A CE TEMPS D'UTILISATION
- (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) TAKATSU, Susumu [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). YAZAWA, Katsumi [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). SUEYASU, Naoki [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). KOGURE, Masayuki [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). SHIBAYAMA, Satoki [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP).
- (74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (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)⁷ G06F 12/00
- (11) WO 2004/088519 (13) A1
- (21) PCT/JP2003/004075
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • FILE CLASSIFYING DEVICE, FILE CLASSIFYING METHOD, AND PROGRAM FOR ALLOWING COMPUTER TO EXECUTE THE METHOD
- DISPOSITIF ET PROCEDE POUR LA CLASSIFICATION DE FICHIER, ET PROGRAMME POUR L'EXECUTION DU PROCEDE SUR ORDINATEUR
- (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) TSUCHIYA, Yoshihiro [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)⁷ G06F 13/00, 12/14, 12/00, 15/16, G09C 1/00
- (11) WO 2004/088520 (13) A1
- (21) PCT/JP2003/006675
- (22) 28 May/mai 2003 (28.05.2003)
- (25) ja (26) ja
- (30) 2003-96524 31 Mar/mar 2003 JP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SECURE NETWORK DATABASE SYSTEM AND INFORMATION EXCHANGE METHOD
- SYSTEME DE BASE DE DONNEES RESEAU SECURISEE ET PROCEDE D'ECHANGE D'INFORMATIONS
- (71, 72) IKEDA, Minoru [JP/JP]; 3-13-15, Eifuku, Suginami-ku, Tokyo 168-0064 (JP).
- (74) SAKAI, Hiroaki et al. / etc.; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (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 SE SI SK TR); OA (BF BJ CF CG CI CM GAGN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 13/00, H04N 1/32, 1/00
- (11) WO 2004/088521 (13) A1
- (21) PCT/JP2004/004235
- (22) 25 Mar/mar 2004 (25.03.2004)
- (25) ja (26) ja
- (30) 2003-092050 28 Mar/mar 2003 JP (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DATA TRANSMISSION DEVICE
- DISPOSITIF DE TRANSMISSION DE DONNEES
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka, 5458522 (JP).
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- (72, 75) FUJIWARA, Katsuyoshi [JP/JP]; 1-1-22, Satsukigaoka, Kumatori-cho, Senan-gun, Osaka, 5900445 (JP). OKAMOTO, Yuji [JP/JP]; 1-32-18, Sakuragaoka, Seika-cho, Souraku-gun, Kyoto, 6190232 (JP). UEDA, Naofumi [JP/JP]; 5-20-1, Kizugawadai, Kizu-cho, Souraku-gun, Kyoto, 6190225 (JP). YOSHIURA, Syouichirou [JP/JP]; 55-1-2-101, Higashiando, Ando-cho, Ikoma-gun, Nara, 6391061 (JP).
- (74) KOHNO, Takao; KOHNO PATENT OFFICE 4-3, Tsuriganecho 2-chome, Chuo-ku, Osaka-shi, Osaka, 5400035 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ G06F 13/10, 13/36, 3/06
- (11) WO 2004/088522 (13) A1
- (21) PCT/JP2003/004074
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • BUS BRIDGE DEVICE, BUS BRIDGE METHOD, AND I/O CONTROL DEVICE
- DISPOSITIF PASSERELLE DE BUS, PROCEDE CORRESPONDANT, ET DISPOSITIF DE CONTROLE D'ENTREE/SORTIE
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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- (72, 75) ARATAKI, Nina [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)⁷ G06F 13/12, 13/38
- (11) WO 2004/088523 (13) A1
- (21) PCT/US2004/009111
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 10/402,730 27 Mar/mar 2003 US (27.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PC CARD WITH STANDALONE FUNCTIONALITY
- CARTE PC A FONCTIONNALITE AUTONOME
- (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) WATANABE, Hidekazu [JP/JP]; 6-9-10 Minami-Oizumi, Tokyo (JP).
- (74) SAMPLES, Kenneth, H. et al. / etc.; Fitch, Even, Tabin & Flannery, 120 South LaSalle Street, Suite 1600, 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).

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(51)⁷ G06F 13/376, H04L 25/02

(11) WO 2004/088524 (13) A1

(21) PCT/JP2003/004056

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • BUS FIGHT DETECTION DEVICE
• DISPOSITIF DE DETECTION DE
CONFLIT DE BUS

(71) FUJITSU LIMITED [JP/JP]; 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
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les États désignés sauf US)*

(72, 75) SEKI, Takeshi [JP/JP]; c/o Fujitsu VLSI
Limited, 1844-2, Kozoji-cho 2-chome, Ka-
sugai-shi, Aichi 487-0013 (JP).

(74) KOKUBUN, Takayoshi; 5th Floor, Ike-
bukuro TG Homest Building, 17-8, Hi-
gashi-Ikebukuro 1-chome, Toshima-ku,
Tokyo 170-0013 (JP).

(81) JP US.

(51)⁷ G06F 13/38

(11) WO 2004/088525 (13) A2

(21) PCT/FR2004/000591

(22) 11 Mar/mar 2004 (11.03.2004)

(25) fr (26) fr

(30) 0303734 26 Mar/mar 2003 FR
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • DEVICE FOR TRANSMISSION VIA
NETWORK OF INFORMATION AC-
QUIRED BY A REMOTE TELECOM-
MUNICATION DEVICE AND SYSTEM
USING SAID DEVICE

- DISPOSITIF DE TRANSMISSION SUR
UN RESEAU D'INFORMATIONS AC-
QUISES PAR UN APPAREIL DE TE-
LECOMMUNICATION DISTANT ET
SYSTEME METTANT EN OEUVRE UN
TEL 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) VACQUIE, Luc [FR/FR]; Bel Air,
F-31380 SAINT JEAN L'HERM (FR).
BERGE, Jean-Michel [FR/FR]; 2 allée du
Saint Eynard, F-38330 SAINT NAZAIRE
LES EYMES (FR).

(74) FRECHEDE, Michel et al. / etc.; Cabi-
net LAVOIX, 2, Place d'Estienne d'Orves,
F-75441 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).

(51)⁷ G06F 15/00, 17/60, H04L 12/28

(11) WO 2004/088526 (13) A1

(21) PCT/JP2003/004068

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • RADIO LAN ACCESS SERVICE SYS-
TEM AND CHARGING METHOD FOR
RADIO LAN ACCESS SERVICE SYS-
TEM

- SYSTEME DE SERVICE D'ACCES
POUR RESEAU LOCAL SANS FIL ET
PROCEDE DE FACTURATION COR-
RESPONDANT

(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) SHINOMIYA, Daisuke [JP/JP]; c/o
FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP).

(74) HAYASHI, Tsunenori et al. / etc.;
HAYASHI, DOI & ASSOCIATES,
Toshou-Bldg. No. 3, 3-9-5, Shin-Yokohama,
Kohoku-ku, Yokohama-shi, Kanagawa
222-0033 (JP).

(81) JP US.

(51)⁷ G06F 15/78

(11) WO 2004/088527 (13) A2

(21) PCT/IB2004/000994

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,230 3 Apr/avr 2003 US
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • RUNTIME CONFIGURABLE VIRTUAL
VIDEO PIPELINE

- PIPELINE VIDEO VIRTUEL CONFIGU-
RABLE D'EXECUTION

(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)*

(71) U.S. PHILIPS CORPORATION [US/US];
1251 Avenue of the Americas, New York, NY
10510-8001 (US).
(only for / seulement pour AE)

(72, 75) DUTTA, Santanu [IN/US]; 1109
McKay Drive, M/S-41SJ, San Jose, CA
95131 (US). RENNERT, Jens [DE/US];
1109 McKay Drive, M/S-41SJ, San Jose, CA
95131 (US).

(74) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.; c/o LESTER, Shannon, 1109
McKay Drive, M/S-41SJ, San Jose, CA
95131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ G06F 15/78

(11) WO 2004/088528 (13) A1

(21) PCT/JP2003/004055

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SEMICONDUCTOR DEVICE
• 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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les États désignés sauf US)*

(72, 75) KUROIWA, Koichi [JP/JP]; c/o FU-
JITSU LIMITED, 1-1, Kamikodanaka
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Kanagawa 211-8588 (JP). IKEDA, Nori-
hiro [JP/JP]; c/o FUJITSU LIMITED, 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
KANASUGI, Masami [JP/JP]; c/o FUJITSU
LIMITED, 1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi, Kanagawa
211-8588 (JP). TANIGUCHI, Shoji [JP/JP];
c/o FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP).

(74) KOKUBUN, Takayoshi; 5th Floor, Ike-
bukuro TG Homest Building, 17-8, Hi-
gashi-Ikebukuro 1-chome, Toshima-ku,
Tokyo 170-0013 (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)⁷ G06F 17/13

(11) WO 2004/088529 (13) A1

(21) PCT/JP2003/004107

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF ANALYZING MOLECULAR MOTION OF MIXTURE COMPRISING DIFFERENT MOLECULES AND ANALYSIS PROGRAM
• PROCEDE D'ANALYSE DU MOUVEMENT MOLECULAIRE D'UN MELANGE RENFERMANT DIFFERENTES MOLECULES ET PROGRAMME D'ANALYSE ASSOCIE

(71, 72) MASUBUCHI, Yuichi [JP/JP]; Kayaba residents 3-303, 1-43, Kitachikusa 2-chome, Chikusa-ku, Nagoya-shi, Aichi 464-0083 (JP).

(72, 75) MARRUCCI, Giuseppe [IT/IT]; Via A.Mancini 20B, I-80127 Napoli (IT). IAN-NIRUBERTO, Giovanni [IT/IT]; Via G.Toma 3, I-80127 Napoli (IT). GRECO, Francesco [IT/IT]; Via del Discobolo 32, I-80126 Napoli (IT). DOI, Masao [JP/JP]; 2-32-2-C2, Okaue-cho, Chikusa-ku, Nagoya-shi, Aichi 464-0837 (JP).

(74) ICHIHARA, Shunichi; Corpo Clover Hama 505, 2-8, Yotsuya, Shinjuku-ku, Tokyo 160-0004 (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 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)⁷ G06F 17/15

(11) WO 2004/088530 (13) A2

(21) PCT/GB2004/000954

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 0307415.0 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MATCHED FILTERING

• FILTRAGE ADAPTE

(71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; 81 NEWGATE STREET, Greater London, London EC1A 7AJ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIRKBY, Robert, Howard [GB/GB]; The White House, Market Rasen Road, Dunholme, Lincoln, Lincolnshire LN2 3RA (GB).

(74) LLOYD, Barry, George, William; BT Group Legal Intellectual Property Department, PPC5A, BT Centre, 81 Newgate Street, Greater London, London EC1A 7AJ (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)⁷ G06F 17/15, H04B 1/707

(11) WO 2004/088531 (13) A1

(21) PCT/IB2004/001515

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/406,152 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR DETERMINING THE CORRELATION BETWEEN RECEIVED SAMPLES AND AVAILABLE REPLICA SAMPLES
• DETERMINATION DE LA CORRELATION ENTRE ECHANTILLONS REÇUS ET DES ECHANTILLONS D'ESSAI DISPONIBLES

(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) AKOPIAN, David [AM/FI]; Ahvenisraitti 24 C 32, FIN-33720 Tampere (FI).

(74) COHAUSZ & FLORACK (24); Bleichstrasse 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/15, H04B 1/707

(11) WO 2004/088532 (13) A1

(21) PCT/IB2004/001521

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/404,931 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR DETERMINING THE CORRELATION BETWEEN RECEIVED SAMPLES AND AVAILABLE REPLICA SAMPLES

• PROCEDE DE DETERMINATION DE LA CORRELATION ENTRE DES ECHANTILLONS REÇUS ET DES ECHANTILLONS DISPONIBLES D'ESSAI

(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) AKOPIAN, David [AM/FI]; Ahvenisraitti 24 C 32, FIN-33720 Tampere (FI).

(74) COHAUSZ & FLORACK (24); Bleichstraße 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/21, 17/24, 9/44

(11) WO 2004/088533 (13) A2

(21) PCT/US2004/009128

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/402,121 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRONIC DOCUMENT LOCATION INDICATION AND NAVIGATION METHOD, SYSTEM AND PROGRAM

• INDICATION D'EMPLACEMENT DE DOCUMENT ELECTRONIQUE, METHODE, SYSTEME ET PROGRAMME DE NAVIGATION ASSOCIES

(71) VISTAPRINT TECHNOLOGIES LIMITED; Canon's Court, 22 Victoria Street, Hamilton, HM12 (BM).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WALKER, Kenneth, A., Jr. [US/US]; 10 Howard Street, Somerville, MA 02144 (US).

(74) DULANEY, Robert; VistaPrint USA Inc., 100 Hayden Avenue, Lexington, MA 02421 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ G06F 17/27

(11) WO 2004/088534 (13) A1

(21) PCT/KR2004/000376

(22) 24 Feb/fév 2004 (24.02.2004)

(25) ko (26) en

(30) 10-2003-0011525 24 Feb/fév 2003 KR (24.02.2003)

(30) 10-2003-0079975 12 Nov/nov 2003 KR (12.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM FOR MANAGING HANDWRITTED DOCUMENT FOR TABLET PC, METHOD FOR MANAGING AND SERCHING HAND-WRIGHTED DOCUMENT USING THEREOF

• SYSTEME DE GESTION D'UN DOCUMENT ECRIT A LA MAIN POUR TABLETTE PC, SON PROCEDE DE GESTION ET DE RECHERCHE D'UN DOCUMENT ECRIT A LA MAIN AINSI QUE SON UTILISATION

(71, 72) KIM, JIN IL [KR/KR]; 378, Wollinm-ri, Woldeung-myun, Suncheon-si, Jeonnam, Jeonnam 540-831 (KR).

(74) KIM, JONG IL; Kim's Patent Attorney Office Room, #405, KSBS B/D. 4F., 621-15, Docheon-dong, Gwangsan-gu, Gwangju-si 506-301 (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/088535 (13) A2

(21) PCT/ES2004/000118

(22) 15 Mar/mar 2004 (15.03.2004)

(25) es (26) es

(30) P200300748 31 Mar/mar 2003 ES (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USER AND KNOWLEDGE MANAGEMENT SYSTEM FOR PEOPLE'S ORGANISATIONS

• SYSTEME DE GESTION DE LA CONNAISSANCE ET D'UTILISATEURS POUR LES ORGANISATIONS DE PERSONNES

(71) CIF, S.L. [ES/ES]; Paseo de la Castellana, 176-Primero, E-28046 Madrid (ES).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VIÑAS PEYA, Juan [ES/ES]; Paseo de la Castellana, 176-Primero, E-28046 Madrid (ES).

(74) UNGRÍA LÓPEZ, Javier; Avenida Ramón y Cajal, 78, E-28043 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).

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(21) PCT/GB2004/001228

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 0307352.5 29 Mar/mar 2003 GB (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVEMENTS IN AND RELATING TO THE ANALYSIS OF COMPOUNDS
• AMELIORATIONS RELATIVES A L'ANALYSE DE COMPOSES

(71) QINETIQ LIMITED [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1E 6PD (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEAL, Richard, D., A. [GB/GB]; Qinetiq Limited, Winfrith Technology Centre, Winfrith Newburgh, Room A22/140, Dorchester, Dorset DT2 8XJ (GB). PARSONS, Alan, T. [GB/GB]; Qinetiq Limited, Winfrith Technology Centre, Winfrith Newburgh, Room A22/42, Dorchester, Dorset DT2 8XJ (GB).

(74) TOCHER, A., J.; Qinetiq Ltd, IP Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (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)⁷ G06F 17/30

(11) WO 2004/088537 (13) A2

(21) PCT/GB2004/001365

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0307714.6 3 Apr/avr 2003 GB (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR INFORMATION COLLATION
• SYSTEME ET PROCEDE DE COLLA-TIONNEMENT D'INFORMATIONS

(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) FAIRWEATHER, William [GB/GB]; 66 Ronkswood Hill, Worcester, Worcestershire WR4 9EP (GB). NOBLE, Gary [GB/GB]; 5 Laverton Meadow Cottages, Broadway, Worcestershire WR12 7NA (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).

(51)⁷ G06F 17/30

(11) WO 2004/088538 (13) A2

(21) PCT/IE2004/000042

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) S2003/0251 3 Apr/avr 2003 IE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SHAPE MATCHING METHOD FOR INDEXING AND RETRIEVING MULTIMEDIA DATA

• PROCEDE DE MISE EN CORRESPONDANCE DE FORMES POUR INDEXER ET EXTRAIRE DES DONNEES MULTIMEDIA

(71) DUBLIN CITY UNIVERSITY [IE/IE]; Glasnevin, Dublin 9 (IE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ADAMEK, Thomas [PL/IE]; 63 Patricks Road, Drumcondra, Dublin 9 (IE). O'CONNOR, Noel [IE/IE]; 3 Burnside, Magenta Crescent, Santry, Dublin 9 (IE). MARLOW, Sean [IE/IE]; 90 Willow Park Road, Dublin 11 (IE). MURPHY, Noel [IE/IE]; Ballinakill, Enfield, County Meath (IE). SMEATON, Alan [IE/IE]; 9 Millview Lawn, Malahide, County Dublin (IE).

(74) GATES, Marie, Christina et al. / etc.; Tomkins & CO., 5 Dartmouth Road, Dublin 6 (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).

(51)⁷ G06F 17/30

(11) WO 2004/088539 (13) A1

(21) PCT/JP2003/004088

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PARSING METHOD AND PROGRAMMABLE PROCESSOR UNIT FOR PARSING

• PROCEDE D'ANALYSE ET UNITE DE PROCESSEUR PROGRAMMABLE PERMETTANT D'EFFECTUER UNE ANALYSE

(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) NAGANUMA, Masayuki [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NOMURA, Katsunobu [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN JP KR US.

(51)⁷ G06F 17/30

(11) WO 2004/088540 (13) A1

(21) PCT/KR2004/000663

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ko (26) en

(30) 10-2003-0020945 3 Apr/avr 2003 KR (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR GENERATING A SEARCH RESULT LIST BASED ON LOCAL INFORMATION

• PROCEDE ET SYSTEME DE GENERATION D'UNE LISTE DE RESULTATS DE RECHERCHE SUR LA BASE D'UNE INFORMATION LOCALE

(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) YANG, Sang Won [KR/KR]; 280-10 Pungnap-2-dong, Songpa-gu, Seoul 138-042 (KR). KANG, Chun Sik [KR/KR]; 624 Jayang-1-dong, Kwangjin-gu, Seoul 143-191 (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)⁷ G06F 17/30

(11) WO 2004/088541 (13) A1

(21) PCT/KR2004/000664

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ko (26) en

(30) 10-2003-0021482 4 Apr/avr 2003 KR (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD OF MANAGING WEB SITES REGISTERED IN SEARCH ENGINE AND A SYSTEM THEREOF

• PROCEDE DE GESTION DE SITES WEB ENREGISTRES DANS UN MO-TEUR DE RECHERCHE ET SYSTEME CORRESPONDANT

(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) NA, Sun Kyoong [KR/KR]; No. 303-602, Olympic Apts., Oryun-dong, Songpa-gu, Seoul 138-151 (KR). LEE, Hyun Jung [KR/KR]; No. 116-1101, Hyundai Apt., Gaebong-2-dong, Guro-gu, Seoul 152-092 (KR). CHOI, Ki Jeong [KR/KR]; No. 7-301, Sibeom Apt., 209-22 Ichon-2-dong, Yongsan-gu, Seoul 140-032 (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)⁷ G06F 17/30

(11) WO 2004/088542 (13) A1

(21) PCT/KR2004/000665

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ko (26) en

(30) 10-2003-0021483 4 Apr/avr 2003 KR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD OF MANAGING REGISTERED WEB SITES IN SEARCH ENGINE AND A SYSTEM THEREOF

- PROCEDE DE GESTION DE SITES WEB ENREGISTRES DANS UN MO-TEUR DE RECHERCHE ET 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) LEE, Hyun Jung [KR/KR]; No. 116-1101, Hyundai Apt., Gaebong-2-dong, Guro-gu, Seoul 152-092 (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 OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30, H04L 29/06

(11) WO 2004/088543 (13) A1

(21) PCT/NO2004/000101

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 20031552 4 Apr/avr 2003 NO
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SYSTEM FOR TRANSFERRING WEB SESSIONS, AND A METHOD FOR CONDUCTING WEB SESSIONS ON THE INTERNET

- SYSTEME DE TRANSFERT DE SESSIONS WEB, ET PROCEDE DE MISE EN OEUVRE DE SESSIONS WEB SUR INTERNET

(71) TELENOR ASA [NO/NO]; Snaroyveien 30, N-1331 Fornebu (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THANH, Van, Do [NO/NO]; Stjerne-myrvæien 28, N-0673 Oslo (NO). VANEM, Erik [NO/NO]; Refstadsvingen 5, N-0589 Oslo (NO). DAO, Van, Tran [NO/NO]; Arne Garborgs vei 16B, N-1472 Fjellhamar (NO). JØNVIK, Tore, Erling [NO/NO]; Haugerudtunet 21, N-0624 Oslo (NO). LØKSTAD, Pål [NO/NO]; Lunden 19B, N-0583 Oslo (NO).

(74) OSLO PATENTKONTOR AS; P.O. Box 7007 M, N-0306 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).

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)⁷ G06F 17/30

(11) WO 2004/088544 (13) A1

(21) PCT/NZ2004/000062

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 525182 4 Apr/avr 2003 NZ
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • QUERY PROCESSOR FOR CLASSIFI-ABLE ITEMS

- PROCESSEUR DE REQUETES POUR ARTICLES CLASSIFIABLES

(71, 72) MANDENO, Keith, Graham [NZ/NZ]; 5 Westminster Road, Balmoral, Auckland, 1003 (NZ). NIKOLIC, Nenad, Slavko [YU/NZ]; c/o 463 Mt Eden Road, Mt Eden, Auckland, 1003 (NZ).

(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).

(51)⁷ G06F 17/30

(11) WO 2004/088545 (13) A2

(21) PCT/US2004/009077

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/401,104 27 Mar/mar 2003 US
(27.03.2003)(30) 10/455,780 5 Jun/juin 2003 US
(05.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • KNOWLEDGE REPRESENTATION USING REFLECTIVE LINKS FOR LINK ANALYSIS APPLICATIONS

- REPRESENTATION DE CONNAISSANCES A L'AIDE DE LIENS REFLEXIFS POUR APPLICATIONS D'ANALYSE DE LIENS

(71) ELECTRONIC DATA SYSTEMS CORPORATION [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) KASRAVI, Kasra; 2943 Brentwood, W. Bloomfield, MI (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 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)

(51)⁷ G06F 17/30

(11) WO 2004/088546 (13) A2

(21) PCT/US2004/009079

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/401,104 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA REPRESENTATION FOR IMPROVED LINK ANALYSIS

• REPRESENTATION DE DONNEES POUR ANALYSE DE LIENS AMELIOREE

(71) ELECTRONIC DATA SYSTEMS CORPORATION [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) KASRAVI, Kasra; 2943 Brentwood, W. Bloomfield, MI (US). LAWSON, Maureen; 1903 N. Vermont, Royal Oak, MI 48073 (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)⁷ G06F 17/30

(11) WO 2004/088547 (13) A2

(21) PCT/US2004/009119

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/400,556 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • QUALITY OF SERVICE CONTROLLER AND METHOD FOR A DATA STORAGE SYSTEM

• CONTROLEUR DE QUALITE DE SERVICE ET PROCEDE POUR SYSTEME DE STOCKAGE DE DONNEES

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY L.P. [US/US]; 20555 S.H. 249, Houston, Texas 77070 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERCHANT, Arif [US/US]; 439 Traverso Avenue, Los Altos, California 94022 (US). LUMB, Christopher [US/US]; 1181 Church Street, San Francisco, California 94114 (US). GUILLERMO, Alvarez [US/US]; 1615 Blossom Hill Road, San Jose, California 95124 (US).

(74) LANGE, Richard P.; IP Administration, P.O. Box 272400, Mail Stop 35, Ft Collins, Colorado 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).

(51)⁷ G06F 17/30

(11) WO 2004/088548 (13) A1

(21) PCT/US2004/009531

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,887 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR EFFICIENTLY SEARCHING A FORWARDING DATABASE THAT IS SPLIT INTO A BOUNDED NUMBER OF SUB-DATABASES HAVING A BOUNDED SIZE

• SYSTEME ET METHODE POUR UNE RECHERCHE EFFICACE DANS UNE BASE DE DONNEES DE REACHEMISEMENT QUI EST DIVISEE EN UN NOMBRE LIMITE DE SOUS-BASES DE DONNEES PRESENTANT UNE TAILLE LIMITEE

(71) CYPRESS SEMICONDUCTOR [US/US]; 3901 N. First Street, San Jose, CA 95134 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VENKATACHARY, Srinivasan [IN/US]; 637 Timberpine Ave., Sunnyvale, CA 94086 (US). GUPTA, Pankaj [IN/US]; 260 Lassen Ave., Mountain View, CA 94043 (US).

(74) DAFFER, Kevin, L.; Conley Rose, P.C., P.O. Box 684908, Austin, TX 78768-4908 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/50

(11) WO 2004/088549 (13) A2

(21) PCT/EP2004/003301

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 10314834.5 1 Apr/avr 2003 DE
(01.04.2003)

(30) 10314835.3 1 Apr/avr 2003 DE
(01.04.2003)

(30) 10314831.0 1 Apr/avr 2003 DE
(01.04.2003)

(30) 10314832.9 1 Apr/avr 2003 DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND ARRAY FOR CHANGING SOFTWARE OR SOURCE CODE

• PROCEDE ET DISPOSITIF POUR MODIFIER UN LOGICIEL OU UN CODE SOURCE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OBERHAUSER, Roy [DE/DE]; Egmatinger Str. 9a, 85667 Oberpfaffmarn (DE). REICHEL, Christian [DE/DE]; Pestalozzistr. 13, 01307 Dresden (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)⁷ G06F 17/60, 19/00, G07C 15/00

(11) WO 2004/088550 (13) A2

(21) PCT/CA2003/000466

(22) 1 Apr/avr 2003 (01.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REVERSE-ORDER GAME PLAY APPARATUS

• DISPOSITIF DE STRATEGIE DE JEU A ORDRE INVERSE

(71, 72) DUHAMEL, **Gérald** [CA/CA]; 220, Antonio Barette St., Drummondville, Québec J2C 6S1 (CA).

(74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (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 ES FI GB GD GE GH GM HR HU ID 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 :

(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 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)⁷ G06F 17/60

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(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/459,290 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HUMAN-SERVICE PROVIDER RELATIONSHIP MANAGEMENT FOR GOVERNMENT AGENCIES

• GESTION DE RELATIONS AVEC DES PRESTATAIRES DE SERVICES HUMAINS POUR AGENCES GOUVERNEMENTALES

(71) ACCENTURE GLOBAL SERVICES GMBH [CH/CH]; Geschäftshaus Herrenacker 15, CH-8200 Schaffhausen (CH).

(72) DODGE, **Andrea, Lynne**; 6 Lourdes Avenue #3, Jamaica Plain, MA 02130 (US). KIEFER, **Carl, S.**; 8 Fennwood Drive, Cromwell, CT 06416 (US). KILMARTIN, **William**; 18 Beechtree Circle, Wakefield, MA 01880-4962 (US). HSU, **Henry, M.**; 155 Washington Street #1003, Jersey City, NJ 07302 (US).

(74) MUSKER, **David, C.** 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

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(21) PCT/FR2004/000555

(22) 9 Mar/mar 2004 (09.03.2004)

(25) fr (26) fr

(30) 03/03785 27 Mar/mar 2003 FR (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF RESTOCKING A PRODUCT ON A SHELF IN A SHOP

• PROCEDE DE REASSORTIMENT D'UN PRODUIT DANS UN LINEAIRE D'UN MAGASIN

(71) COMPAGNIE GERVAIS DANONE [FR/FR]; 126-130, rue Jules Guesde, F-92308 Levallois-Perret (FR).

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(72, 75) CATHALA-CANO, **Florence** [FR/FR]; 2, rue Olivier de Serres, F-75015 Paris (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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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(25) en (26) en

(30) 60/460,649 4 Apr/avr 2003 US (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD AND APPARATUS FOR DYNAMICALLY CONTROLLING A BROADCAST MEDIA PRODUCTION SYSTEM

• PROCEDE ET APPAREIL PERMETTANT DE COMMANDER DYNAMIQUEMENT UN SYSTEME DE PRODUCTION DE CONTENU MULTIMEDIA DIFFUSE

(71) BBC TECHNOLOGY HOLDINGS LIMITED [GB/GB]; Broadcasting House, Portland Place, London W1A 1AA (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WINTERBURN, **Garry** [GB/GB]; British Broadcasting Corporation, Broadcasting House, London W1A 1AA (GB). BETTRIDGE, **Robin** [GB/GB]; British Broadcasting Corporation, Broadcasting House, London W1A 1AA (GB). MURRAY, **Stuart** [GB/GB]; BBC Technology Limited, Stadium House, London W12 7TA (GB). CHERRINGTON, **Brett** [GB/GB]; BBC Technology Limited, Stadium House, London W12 7TA (GB). BROOKS, **David** [GB/GB]; BBC Technology Limited, Stadium House, London W12 7TA (GB). KOETTER, **Michael** [US/US]; BBC Technology Consultancy LLC, 10 Tenth Street Suite 1050, Atlanta, GA 30309 (US).

(74) KAZI, **Ilya** 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 2004/088554 (13) A2

(21) PCT/GB2004/000975

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 0307392.1 31 Mar/mar 2003 GB (31.03.2003)

(30) 0319254.9 15 Aug/août 2003 GB (15.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • EVENT SCHEDULING

• PROGRAMMATION D'EVENEMENTS

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London, Greater London EC1A 7AJ (GB).

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(72, 75) **ASSADIAN, Behrad** [GB/GB]; 2 Knights Lane, Kesgrave, Ipswich, Suffolk IP5 2FS (GB). **AZVINE, Behnam** [GB/GB]; 6 Dodson Vale, Kesgrave, Ipswich, Suffolk IP5 2GT (GB). **CASE, Simon, James** [GB/GB]; Friday Cottage, Alder Close, Benhall Green, Saxmundham, Suffolk IP17 1QB (GB).

(74) **LLOYD, Barry, George, William**; BT Group Legal, Intellectual Property Dept., PP: C5A, BT Centre, 81 Newgate Street, London, Greater London EC1A 7AJ (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)⁷ G06F 17/60

(11) **WO 2004/088555** (13) A1

(21) PCT/JP2004/002010

(22) **20 Feb/fév 2004 (20.02.2004)**

(25) ja (26) ja

(30) 2003-091520 **28 Mar/mar 2003 JP (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRANSPORTATION MANAGEMENT SUPPORT SYSTEM

• SYSTÈME SUPPORT DE GESTION DE TRANSPORT

(71) **HONDA MOTOR CO., LTD.** [JP/JP]; 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP).

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(72, 75) **NEMOTO, Yoshio** [JP/JP]; C/o Honda Motor Co., Ltd. 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP). **ARAI, Makoto** [JP/JP]; C/o Honda Motor Co., Ltd. 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP). **ARITA, Shozo** [JP/JP]; C/o Honda Motor Co., Ltd. 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo, 1078556 (JP). **SAWADO, Hiroshi** [JP/JP]; C/o Honda Motor Co., Ltd. 1-1, Minami-aoyama 2-chome, Minato-ku, Tokyo, 1078556 (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) **WO 2004/088556** (13) A1

(21) PCT/JP2004/004136

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) ja (26) ja

(30) 2003-092832 **28 Mar/mar 2003 JP (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA COMMUNICATION CONTROL SYSTEM, COMMUNICATION SYSTEM, SERVICE PROVIDING METHOD, AND COMPUTER PROGRAM

• SYSTEME DE CONTROLE DE COMMUNICATION DE DONNEES, SYSTEME DE COMMUNICATION, PROCEDE DE FOURNITURE DE SERVICES ET PROGRAMME INFORMATIQUE

(71) **KONAMI COMPUTER ENTERTAINMENT STUDIOS INC.** [JP/JP]; 6-10-1, Roppongi, Minato-ku, Tokyo, 1066113 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **TAKAHASHI, Hidehisa** [JP/JP]; c/o KONAMI COMPUTER ENTERTAINMENT STUDIOS, INC. 6-10-1, Roppongi, Minato-ku Tokyo, 1066113 (JP).

(74) **KOHNO, Takao**; KOHNO PATENT OFFICE 4-3, Tsuriganecho 2-chome, Chuo-ku, Osaka-shi Osaka, 5400035 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ G06F 17/60

(11) **WO 2004/088557** (13) A1

(21) PCT/JP2004/004338

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ja (26) ja

(30) 2003-092647 **28 Mar/mar 2003 JP (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INFORMATION PROCESSING SYSTEM, INFORMATION PROCESSING DEVICE, METHOD, AND PROGRAM

• SYSTEME DE TRAITEMENT DE L'INFORMATION, DISPOSITIF DE TRAITEMENT DE L'INFORMATION, PROCEDE 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) **ITABASHI, Tatsuo** [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) **WO 2004/088558** (13) A1

(21) PCT/KR2003/000649

(22) **1 Apr/avr 2003 (01.04.2003)**

(25) ko (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRONIC COMMERCE METHOD USING COMBINED PUBLICITY ACCORDING TO GOODS/SERVICE TYPE AND COMPUTER READABLE RECORDING MEDIA STORING PROGRAM FOR EXECUTING THE SAME

• PROCEDE DE COMMERCE ELECTRONIQUE COMPRENANT DE LA PUBLICITE MIXTE CORRESPONDANT A UN TYPE DE BIEN/SERVICE ET SUPPORTS D'ENREGISTREMENT LISIBLES PAR ORDINATEUR STOCKANT UN PROGRAMME D'EXECUTION DUDIT PROCEDE

(71, 72) **SHIN, Yong-Gyun** [KR/KR]; A-301 Woojinvilla, 166 Hyoseong 1-dong, Gyeongang-gu, Incheon 407-829 (KR).

(74) **LEE, Sang-Yong et al.** / etc.; 4F., Byukcheon Bldg., 1597-5, Seocho-dong, Seocho-gu, Seoul 137-876 (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)⁷ G06F 17/60

(11) WO 2004/088559 (13) A2

(21) PCT/NL2003/000856

(22) 4 Dec/déc 2003 (04.12.2003)

(25) nl (26) en

(30) 1023105 4 Apr/avr 2003 NL
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR REGULATING THE PRODUCTION OF A SECOND FORM OF ENERGY, GENERATED FROM A FIRST FORM OF ENERGY

• PROCEDE ET SYSTEME DE REGULATION DE LA PRODUCTION D'UNE SECONDE FORME D'ENERGIE ENGENDREE A PARTIR D'UNE PREMIERE FORME D'ENERGIE

(71) AMSTERDAM POWER EXCHANGE SPOTMARKET B.V. [NL/NL]; Strawinskylaan 729, NL-1077 XX Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DEN OUDEN, Barend [NL/NL]; Edeseweg 79, NL-6721 JR Bennekom (NL).

(74) VAN LOOIJENGOED, Ferry, Antoin, Theodorus; De Vries & Metman, Overschiestraat 180, NL-1062 XK Amsterdam (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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) 525159 2 Apr/avr 2003 NZ
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS AND SYSTEMS FOR THE MANAGEMENT OF INSURANCE CLAIMS AND PROPERTY

• PROCEDES ET SYSTEMES DE TRAITEMENT DES DECLARATIONS DE SINISTRE ET DES BIENS ASSURES

(71) F-TECHNOLOGIES LTD. [NZ/NZ]; PO Box 5388, Mt Maunganui (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KEANEY, Michael, William [NZ/NZ]; 43 Longview Drive, Papamoa, Tauranga (NZ).

(74) SCHUCH, Ernest, Robert; Schuch & Company, P.O. Box 10 615, Level 5, 22 The Terrace, 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)⁷ G06F 17/60 // 153:00

(11) WO 2004/088561 (13) A1

(21) PCT/SG2003/000156

(22) 1 Jul/juil 2003 (01.07.2003)

(25) en (26) en

(30) 200301769-6 1 Apr/avr 2003 SG
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RISK CONTROL SYSTEM

• SYSTEME DE CONTROLE DU RISQUE

(71) MAXIMUS CONSULTING PTE LTD [SG/SG]; 7500A Beach Road, #13-319, The Plaza, Singapore 199591 (SG).
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(72, 75) YOU, Cheng, Hwee [SG/SG]; 7500A Beach Road, #13-319, The Plaza, Singapore 199591 (SG).

(74) JOYCE A. TAN & PARTNERS; 8 Temasek Boulevard, #15-04 Suntec Tower Three, Singapore 038988 (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 ES FI GB GD GE GH GM HR HU ID 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 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 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)

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)⁷ G06F 17/60

(11) WO 2004/088562 (13) A2

(21) PCT/US2004/010258

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,230 1 Apr/avr 2003 US
(01.04.2003)

(30) 60/485,964 10 Jul/juil 2003 US
(10.07.2003)

(30) 60/485,965 10 Jul/juil 2003 US
(10.07.2003)

(30) 60/491,632 31 Jul/juil 2003 US
(31.07.2003)

(30) 10/650,124 27 Aug/août 2003 US
(27.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS OF SPECIFYING OR IDENTIFYING PARTICULATE MATERIAL

• PROCEDES POUR SPECIFIER OU IDENTIFIER UNE SUBSTANCE PARTICULAIRE

(71) CABOT CORPORATION [US/US]; Two Seaport Lane, Suite 1300, Boston, MA 02210-2019 (US).

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(72, 75) REZNEK, Steven, R. [US/US]; 781 Strawberry Hill Road, Concord, MA 01742 (US). GRAY, Charles, A. [US/US]; 30 Richardson Street, Winchester, MA 01890 (US). MORRISON, Ian, D. [US/US]; 18 Prescott Road, Acton, MA 01720 (US). BROWN, Steven, E. [US/US]; 3 Joco Drive, Tyngsboro, MA 01879 (US).

(74) FOLLETT, Robert, J.; 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)⁷ G06F 19/00

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(21) PCT/JP2004/004529

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-097515 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FLUID ANALYZING METHOD

• PROCEDE D'ANALYSE DE FLUIDE

- (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) MATSUMOTO, Junichi [JP/JP]; National Institute of Advanced Industrial Science and Technology Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki, 3058568 (JP). TEZUKA, Akira [JP/JP]; National Institute of Advanced Industrial Science and Technology Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki, 3058568 (JP). SUZUKI, Takeshi [JP/JP]; National Institute of Advanced Industrial Science and Technology Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki, 3058568 (JP). SASAMOTO, Akira [JP/JP]; National Institute of Advanced Industrial Science and Technology Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki, 3058568 (JP).

- (74) SAKAI, Akinori; A. Sakai & Associates Tokyo Club Building, 2-6, 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)⁷ G06F 19/00

(11) WO 2004/088564 (13) A1

(21) PCT/JP2004/004704

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 60/458,366 31 Mar/mar 2003 US (31.03.2003)

(30) 2003-107401 11 Apr/avr 2003 JP (11.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • MOLECULAR FUNCTION NETWORK DISPLAY METHOD

• PROCEDE D'AFFICHAGE D'UN RESEAU FONCTIONNEL MOLECULAIRE

- (71) INSTITUTE OF MEDICINAL MOLECULAR DESIGN. INC. [JP/JP]; 4th Floor, Kadokawa-hongo Bldg., 24-5, Hongo 5-chome, Bunkyo-ku, Tokyo, 1130033 (JP).

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- (72, 75) ITAI, Akiko [JP/JP]; c/o INSTITUTE OF MEDICINAL MOLECULAR DESIGN. INC., 4th Floor, Kadokawa-hongo Bldg., 24-5, Hongo 5-chome, Bunkyo-ku, Tokyo, 1130033 (JP). TOMIOKA, Nobuo

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- (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)⁷ G06F 19/00

(11) WO 2004/088565 (13) A1

(21) PCT/KR2003/001630

(22) 13 Aug/août 2003 (13.08.2003)

(25) en (26) en

(30) 10-2003-0021363 4 Apr/avr 2003 KR (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PERIPHERAL EQUIPMENT ON A MOLECULAR MODELING COMPUTER SYSTEM AND A METHOD OF DESIGNING THE SAME

• EQUIPEMENT PERIPHERIQUE POUR SYSTEME D'ORDINATEUR DE MODELISATION MOLECULAIRE ET PROCEDE DE CONCEPTION DE CELLULI-CI

- (71) KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; Hawolgok-Dong, Sungbuk-Gu 39-1, Seoul 136-791 (KR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) YOON, Chang-No [KR/KR]; 108-106 Saemter Apt., Ilwon-dong, Gangnam-gu, Seoul 135-230 (KR). CHI, Myung-Wan [KR/KR]; 107-2004 Hanjin-Apartment, Sungdong-gu, Haengdang-dong, Seoul 133-030 (KR).

- (74) LEE, Jong-II; #904, 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 ES FI GB GD GE GH GM HR HU ID 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)⁷ G06F 19/00

(11) WO 2004/088566 (13) A1

(21) PCT/KR2004/000340

(22) 19 Feb/fév 2004 (19.02.2004)

(25) ko (26) en

(30) 10-2003-0010330 19 Feb/fév 2003 KR (19.02.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR AUTOMATICALLY GENERATING GROUP AND SYSTEM FOR THE SAME FOR THE SAME IN ON-LINE GAME

• PROCEDE DE PRODUCTION AUTOMATIQUE DE GROUPE ET SYSTEME ASSOCIE POUR JEU EN LIGNE

- (71, 72) PARK, Heung-ho [KR/KR]; Kwaneum Samsung Apt.101-606, Yeomchang-dong 268 27/1, Gangseo-gu, Seoul 156-863 (KR).

- (74) PARK, Kyungwan et al. / etc.; GIP Patent Law Counselors, 2nd Fl. Sewon Bldg., #823-48., Yeoksam-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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ G06F 19/00

(11) WO 2004/088567 (13) A2

(21) PCT/US2004/009611

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,311 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • INFUSION DATA COMMUNICATION SYSTEM

• SYSTEME DE COMMUNICATION DE DONNEES DE PERFUSION

- (71) ALARIS MEDICAL SYSTEMS, INC. [US/US]; 10221 Wateridge Circle, Building A, San Diego, CA 92121 (US).

- (72) BUTTERFIELD, Robert, D.; 13980 Poway Valley Road, Poway, CA 92064

- (US). SCHLOTTERBECK, David, L.; 12 Hermitage Lane, Laguna Niguel, CA 92677 (US).
- (74) RUNK, Thomas, A. 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06G
- (11) WO 2004/088568 (13) A2
- (21) PCT/IB2004/050356
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 03100906.1 4 Apr/avr 2003 EP (04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DISPLAY DEVICE
• DISPOSITIF D’AFFICHAGE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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- (72, 75) GIRALDO, Andrea [IT/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). JANS, William, P., M., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LOS, Remco [NL/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 UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06K
- (11) WO 2004/088569 (13) A2
- (21) PCT/FR2004/000556
- (22) 9 Mar/mar 2004 (09.03.2004)
- (25) fr (26) fr
- (30) 03/03241 17 Mar/mar 2003 FR (17.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OF COMMUNICATING BETWEEN DIFFERENT ELECTRONIC ENTITIES
• PROCEDE DE COMMUNICATION ENTRE DIVERSES ENTITES ELECTRONIQUES
- (71) OBERTHUR CARD SYSTEMS S.A. [FR/FR]; 102, boulevard Malesherbes, F-75017 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DUMORTIER, Gilles [FR/FR]; 7, rue de l'Amiral, F-95000 Cergy (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 UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06K
- (11) WO 2004/088570 (13) A2
- (21) PCT/US2004/009050
- (22) 24 Mar/mar 2004 (24.03.2004)
- (25) en (26) en
- (30) 10/396,932 25 Mar/mar 2003 US (25.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CHIP ATTACHMENT IN AN RFID TAG
• FIXATION DE PUCE DANS UNE ETIQUETTE D'IDENTIFICATION PAR RADIOFREQUENCE
- (71) BELLA ID SOLUTIONS, INC. [US/US]; 13034 Polvera Avenue, San Diego, CA 921281 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ROESNER, Bruce, B. [US/US]; 13034 Polvera Avenue, San Diego, CA 92128 (US).
- (74) HUNTER, William, E.; 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06K 7/10
- (11) WO 2004/088572 (13) A1
- (21) PCT/US2004/009096
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 60/457,783 26 Mar/mar 2003 US (26.03.2003)
- (30) 10/809,000 25 Mar/mar 2004 US (25.03.2004)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • APPARATUS FOR COLLECTING, STORING AND TRANSMITTING FISHING INFORMATION
• APPAREIL POUR COLLECTER, STOCKER ET TRANSMETTRE DES INFORMATIONS CONCERNANT LA PECHE
- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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) **LOG-IT, INC.** [US/US]; 6979 Wales Road, Northwood, OH 43619 (US).
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(72, 75) **STECHSCHULTE, Theodore, J.** [US/US]; 6747 Mill Ridge Road, Maumee, OH 43537 (US). **KLOPPING, Glenn, E.** [US/US]; 28262 Brookside Lane, Millbury, OH 43447 (US).

(74) **CLEMENS, William, J.**; 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).

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(51)⁷ G06K 9/00, G01N 15/14, 21/76

(11) WO 2004/088573 (13) A1

(21) PCT/GB2003/003876

(22) 8 Sep/sep 2003 (08.09.2003)

(25) en (26) en

(30) 0307684.1 2 Apr/avr 2003 GB (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DETERMINING CELL CYCLE PHASE DATA

• PROCEDE POUR DETERMINER DES DONNEES RELATIVES A LA PHASE DU CYCLE CELLULAIRE

(71) **AMERSHAM BIOSCIENCES UK LIMITED** [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).
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(72, 75) **ARINI, Nicholas, Salvatore** [GB/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitechurch, Cardiff, South Glamorgan CF14 7YT (GB). **GOODYER, Ian, David** [GB/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitechurch, Cardiff, South Glamorgan CF14 7YT (GB). **ZALTSMAN, Alla, Borisovna** [GB/GB]; Amersham Biosciences UK Ltd, The Maynard Centre, Forest Farm Estate, Whitechurch, Cardiff, South Glamorgan CF14 7YT (GB).

(74) **HAMMER, Catriona, MacLeod et al.** / etc.; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (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 NI NO NZ OM PG PH PL PT RO RU SC 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)⁷ G06K 9/00, G01N 15/14, 21/76

(11) WO 2004/088574 (13) A1

(21) PCT/GB2004/001466

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307684.1 2 Apr/avr 2003 GB (02.04.2003)

(30) 0327651.6 28 Nov/nov 2003 GB (28.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF, AND COMPUTER SOFTWARE FOR, CLASSIFICATION OF CELLS INTO SUBPOPULATIONS

• PROCEDE ET LOGICIEL ASSOCIE POUR LA CLASSIFICATION DE CELLULES EN SOUS-POPULATIONS

(71) **AMERSHAM BIOSCIENCES UK LIMITED** [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARINI, Nicholas** [GB/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitechurch, Cardiff CF14 7YT (GB). **GOODYER, Ian, David** [GB/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitechurch, Cardiff CF14 7YT (GB). **MURPHY, Samantha** [GB/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitechurch, Cardiff CF14 7YT (GB). **ROQUEMORE, Elizabeth** [US/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitechurch, Cardiff CF14 7YT (GB). **ZALTSMAN, Alla** [GB/GB]; Amersham Biosciences UK Limited, The Maynard Centre, Forest Farm Estate, Whitechurch, Cardiff CF14 7YT (GB). **ALEXANDROV, Yuriy** [CA/CA]; Amersham Biosciences Niagara Inc, 130 Lockhart Drive, St. Catharines, Ontario L2T 4C6 (CA). **DAGENAIS, Louis** [CA/CA]; Amersham Biosciences Niagara Inc, 130 Lockhart Drive, St. Catharines, Ontario L2T 4C6 (CA). **SOLTYS, Bohdan** [CA/CA]; Amersham Biosciences Niagara Inc, 130 Lockhart Drive, St. Catharines, Ontario L2T 4C6 (CA). **CYBUCH, Jurek** [UA/UA]; * (UA).

(74) **HAMMER, Catriona, MacLeod**; Amersham plc, Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (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)⁷ G06K 9/18

(11) WO 2004/088575 (13) A1

(21) PCT/SG2003/000072

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A WATERMARKING METHOD AND APPARATUS

• PROCEDE ET APPAREIL DE FILIGNAGE

(71) **DATAMARK TECHNOLOGIES PTE LTD** [SG/SG]; 100 Jurong East Street 21, Singapore 609602 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HO, T. S. Anthony** [SG/SG]; c/o DataMark Technologies Pte Ltd, 100 Jurong East Street 21, Singapore 609602 (SG). **SHEN, Jun** [SG/SG]; c/o DataMark Technologies Pte Ltd, 100 Jurong East Street 21, Singapore 609602 (SG). **CHOW, K. K. Andrew** [SG/SG]; c/o DataMark Technologies Pte Ltd, 100 Jurong East Street 21, Singapore 609602 (SG). **WOON, W. M. Jeremiah** [SG/SG]; c/o DataMark Technologies Pte Ltd, 100 Jurong East Street 21, Singapore 609602 (SG).

(74) **SIM, Yuan Meng, Andrew**; c/o Shook Lin & Bok, 1 Robinson Road, AIA Tower, Singapore 048542 (SG).

(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)⁷ G06K 11/18, H04N 1/00

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(21) PCT/SE2004/000497

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0300913-1 31 Mar/mar 2003 SE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR NAVIGATION WITH OPTICAL SENSORS, AND A DEVICE UTILIZING THE METHOD

• PROCEDE DE NAVIGATION A L'AIDE DE DETECTEURS OPTIQUES, ET DISPOSITIF CORRESPONDANT

(71) **XPANDIUM AB** [SE/SE]; Box 4, SE-114 79 Stockholm (SE).

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(72, 75) **CHIRIKOV, Gleb** [BY/BY]; Vos-
tochnaya St. 50-107, 220113 Minsk

(74) **EHRNER & DELMAR PATENTBYRÅ**
AB; Box 10316, 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)⁷ **G06K 15/00, 15/10, B41J 2/175, G06F**
3/12

(11) **WO 2004/088577** (13) A1

(21) PCT/GB2004/001404

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) en (26) en

(30) 0307483.8 **1 Apr/avr 2003** GB
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRINT HEAD CONTROL DEVICE AND
METHOD
• DISPOSITIF ET PROCEDE DE COM-
MANDE DE TETE D'IMPRESSION

(71) **WILLETT INTERNATIONAL LIM-
ITED** [GB/GB]; 3 Cronin Road, Weldon
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(72, 75) **BERIC, Tod** [GB/GB]; 3 Cronin Road,
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8AQ (GB). **WALLACE, Dave** [GB/GB]; 3
Cronin Road, Weldon South Industrial Estate,
Corby NN18 8AQ (GB).

(74) **MCGOWAN, George**; Intellectual Property
Department, Siemens Shared Services,
Siemens House, Oldbury, Bracknell RG12
8FZ (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)⁷ **G06K 17/00**

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(21) PCT/FR2004/000564

(22) **9 Mar/mar 2004 (09.03.2004)**

(25) fr (26) fr

(30) 03/03798 **27 Mar/mar 2003** FR
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR BAR-CODE REPRESENTATION OF A MULTIPLE-USE TICKET FOR THE PURPOSE OF CONSUMPTION
• DISPOSITIF DE REPRESENTATION PAR CODE A BARRES D'UN TICKET DE CONSOMMATION A USAGE MULTIPLE

(71) **FRANCE TELECOM** [FR/FR]; 6, place
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PIEDNOIR, Xavier [FR/FR]; 28, fossés
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(74) **DAUDE, Delphine**; France Telecom/T &
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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 :

(u) for / pour US only / seulement

(51)⁷ **G06K 17/00**

(11) **WO 2004/088579** (13) A1

(21) PCT/KR2004/000732

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) ko (26) en

(30) 10-2003-0020603 **1 Apr/avr 2003** KR
(01.04.2003)

(30) 10-2003-0027995 **1 May/mai 2003** KR
(01.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONTACTLESS TYPE COMMUNICATION TAG, PORTABLE TAG READER FOR VERIFYING A GENUINE ARTICLE, AND METHOD FOR PROVIDING INFORMATION OF WHETHER AN ARTICLE IS GENUINE OR NOT

• ETIQUETTE DE COMMUNICATION DU TYPE SANS CONTACT, LECTEUR D'ETIQUETTE PORTATIF PERMETTANT DE VERIFIER UN ARTICLE AUTHENTIQUE, ET PROCEDE PERMETTANT DE FOURNIR

DES INFORMATIONS RELATIVES A L'AUTHENTICITE OU A LA NON AUTHENTICITE D'UN ARTICLE

(71, 72) **PARK, Mi-Kyoung** [KR/KR]; Rm.303,
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(72, 75) **HYUN, Kwang-Chul** [KR/KR];
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(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 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)⁷ **G06K 19/06, 7/10**

(11) **WO 2004/088580** (13) A1

(21) PCT/DE2004/000508

(22) **13 Mar/mar 2004 (13.03.2004)**

(25) de (26) de

(30) 103 14 633.4 **1 Apr/avr 2003** DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR READING DEEP BARCODES BY WAY OF OPTICAL INTERFERENCE

• PROCEDE ET DISPOSITIF DE LECTURE DE CODE BARRES PROFOND PAR INTERFERENCE OPTIQUE

(71) **MEDIZINISCHES LASERZENTRUM LUEBECK GMBH** [DE/DE]; Peter-Monnik-Weg 4, 23562 Luebeck (DE).

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(72, 75) **KOCH, Peter** [DE/DE]; Füchtlingstrasse
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(74) **BIEHL, Christian**; Boehmert & Boehmert,
Niemannsweg 133, 24105 Kiel (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 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)⁷ G06K 19/073

(11) WO 2004/088581 (13) A1

(21) PCT/JP2004/004341

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-094813 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • UNAUTHORIZED ACCESS PREVEN-
TION METHOD

• PROCEDE PERMETTANT
D'EMPECHER L'ACCES NON
AUTORISE

(71) CANON KABUSHIKI KAISHA [JP/JP];
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les États désignés sauf US)

(72, 75) HIRAI, Tadahiko [JP/JP]; c/o CANON
KABUSHIKI KAISHA 3-30-2, Shimo-
maruko, Ohta-ku, Tokyo, 1468501 (JP).

(74) OKABE, Masao et al. / etc.; No. 602,
Fuji Bldg., 2-3, Marunouchi 3-chome, Chi-
yoda-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)⁷ G06K 19/077

(11) WO 2004/088582 (13) A2

(21) PCT/FR2004/000777

(22) 26 Mar/mar 2004 (26.03.2004)

(25) fr (26) fr

(30) 03/03817 28 Mar/mar 2003 FR
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR MAKING A SMART
CARD ANTENNA ON A THERMO-
PLASTIC SUPPORT AND RESULTING
SMART CARD

• PROCEDE DE FABRICATION D'AN-
TENNE DE CARTE A PUCE SUR UN
SUPPORT THERMOPLASTIQUE ET
CARTE A PUCE OBTENUE PAR LEDIT
PROCEDE

(71) ASK S.A. [FR/FR]; Les Bouillides, 15, Tra-
verse des Brucs B.P. 337, Sophia Antipolis,
F-06560 Valbonne (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BENATO, Pierre [FR/FR]; 723, chemin
des Trois Feuilletts, F-06330 Roquefort les
Pins (FR).

(74) BONNEAU, Gérard; Murgitroyd & Com-
pany, Immeuble Atlantis, 55, Allée Pierre
Ziller, Sophia Antipolis, F-06560 Valbonne
(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)⁷ G06K 19/077, H01Q 9/04, 23/00, 1/22,
G06K 19/07

(11) WO 2004/088583 (13) A1

(21) PCT/GB2004/000231

(22) 23 Jan/jan 2004 (23.01.2004)

(25) en (26) en

(30) 0307501.7 1 Apr/avr 2003 GB
(01.04.2003)

(30) 0327581.5 27 Nov/nov 2003 GB
(27.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A RADIO FREQUENCY IDENTIFICA-
TION TAG

• BALISE D'IDENTIFICATION DE FRE-
QUENCES RADIO

(71) ROKE MANOR RESEARCH LIMITED
[GB/GB]; Roke Manor, Old Salisbury Lane,
Romsey, Hampshire SO51 0ZN (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DOMOKOS, John [GB/GB]; 3 Mill-
brook, Salisbury, Wiltshire SP1 1NH (GB).

(74) PAYNE, Janice, Julia; Siemens AG, P.O.
Box 22 16 34, 80333 Munich (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)⁷ G06K 19/077, 19/10, 17/00, G06F 15/00

(11) WO 2004/088584 (13) A1

(21) PCT/JP2003/004012

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RECORDING MEDIUM AND INFOR-
MATION APPARATUS

• SUPPORT D'ENREGISTREMENT ET
APPAREIL D'INFORMATIONS

(71) FUJITSU LIMITED [JP/JP]; 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
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(72, 75) NANBA, Katsushi [JP/JP]; c/o FU-
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(74) TOYAMA, Tsutomu et al. / etc.; Acropolis
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Japan (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)⁷ G06N 3/12, G11C 13/02

(11) WO 2004/088585 (13) A2

(21) PCT/IB2004/000975

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,140 31 Mar/mar 2003 US
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD FOR STORING INFORMA-
TION IN DNA

• PROCEDE DE MEMORISATION
D'INFORMATIONS DANS L'ADN

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).

(72) BHARADWAJ, Lalit, M.; Central Sci-
entific Instruments Organisation, Sector
30, Chandigarh 160 030 (IN). SHUKLA,
Awadesh, Kumar; Central Scientific Instru-
ments Organisation, Sector 30, Chandigarh
160 030 (IN). BHONDEKAR, Amit, P.;
Central Scientific Instruments Organisa-
tion, Sector 30, Chandigarh 160 030 (IN).
KUMAR, Rakesh; Central Scientific Instru-
ments Organisation, Sector 30, Chandigarh
160 030 (IN). BAJPAI, Ram, Prakash;
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(74) SUBRAMANAM, Hariharan, et al. / etc.;
Subramaniam, Nataraj & Associates, E-556,
Greater Kailash-II, New Delhi, 110 048 (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).

(51)⁶ G06T 1/00

(11) WO 2004/088586 (13) A1

(21) PCT/JP1998/002233

(22) 21 May/mai 1998 (21.05.1998)

(25) ja (26) ja

(30) 9/148690 21 May/mai 1997 JP
(21.05.1997)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOOKUP TABLE DEVICE AND IMAGE
GENERATION DEVICE

• DISPOSITIF DE TABLE DE CONSUL-
TATION ET DISPOSITIF DE GENERA-
TION D'IMAGES

(71, 72) MIURA, Katsuhiko [JP/JP]; c/o Namco
Ltd., 8-5, Tamagawa, 2 chome, Ota-ku, Tokyo
146-0095 (JP).

(74) INOUE, Hajime et al. / etc.; Ogikubo TM
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(81) US.

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(31.12.2002), 6501470

(51)⁷ G06T 1/00, 7/00

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(21) PCT/JP2003/003986

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE PROCESSING METHOD AND
IMAGE PROCESSING DEVICE

• PROCEDE ET DISPOSITIF DE TRAITE-
MENT D'IMAGES

(71) COMMUNICATIONS RESEARCH
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MINISTRATIVE INSTITUTION [JP/JP];
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184-0015 (JP).

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(74) WATANABE, Satoshi; WATANABE
PATENT & LAW OFFICE, 18-20, Sane-
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(81) AU CN JP 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).

(51)⁷ G06T 1/00, G03B 15/02

(11) WO 2004/088588 (13) A1

(21) PCT/JP2003/003989

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CAMERA, LIGHT SOURCE CONTROL
METHOD, AND COMPUTER PRO-
GRAM

• CAMERA, PROCEDE DE REGLAGE
DE LA SOURCE LUMINEUSE ET PRO-
GICIEL ASSOCIE

(71) FUJITSU LIMITED [JP/JP]; 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
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(for all designated States except / pour tous
les États désignés sauf US)

(71) FUJITSU PERIPHERALS LIMITED
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(only for / seulement pour JP)

(72, 75) FUJIMOTO, Naoyuki [JP/JP]; c/o FU-
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Yashiro-cho, Kato-gun, Hyogo 673-1447
(JP). CHINZEL, Kiyoshi [JP/JP]; c/o FU-
JITSU PERIPHERALS LIMITED, 35, Saho,
Yashiro-cho, Kato-gun, Hyogo 673-1447
(JP). NAKANO, Mieko [JP/JP]; c/o FU-
JITSU PERIPHERALS LIMITED, 35, Saho,
Yashiro-cho, Kato-gun, Hyogo 673-1447
(JP). MIKI, Atsushi [JP/JP]; c/o FUJITSU
PERIPHERALS LIMITED, 35, Saho,
Yashiro-cho, Kato-gun, Hyogo 673-1447
(JP). KIMURA, Shuji [JP/JP]; c/o FU-
JITSU PERIPHERALS LIMITED, 35, Saho,
Yashiro-cho, Kato-gun, Hyogo 673-1447
(JP). GOTOH, Mitsuhiko [JP/JP]; c/o FU-
JITSU PERIPHERALS LIMITED, 35, Saho,
Yashiro-cho, Kato-gun, Hyogo 673-1447
(JP). FUKUI, Satoshi [JP/JP]; c/o FU-
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211-8588 (JP). AOKI, Takahiro [JP/JP]; c/o
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(74) KUBO, Yukio; Oriental Chisan Building,
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(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)⁷ G06T 5/00, 7/60

(11) WO 2004/088589 (13) A1

(21) PCT/IB2004/050303

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03100898.0 4 Apr/avr 2003 EP
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VOLUME MEASUREMENTS IN 2D
DATASETS

• MESURES VOLUMETRIQUES DANS
DES ENSEMBLES DE DONNEES EN
3D

(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(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 DE US)

(72, 75) WIEMKER, Rafael [DE/DE]; c/o
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BLAFFERT, Thomas [DE/DE]; c/o Philips
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Weisshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Prop-
erty & 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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(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGER AND PERSONAL IDENTIFI-
CATION SYSTEM

• IMAGEUR ET SYSTÈME
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(71) FUJITSU PERIPHERALS LIMITED
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(only for / seulement pour JP)

(72, 75) SUGIURA, Takayuki [JP/JP]; c/o FU-
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Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). **KIMURA, Shuji** [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). **MIKI, Atsushi** [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). **FUKUI, Satoshi** [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). **CHINZEI, Kiyoshi** [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). **NAKANO, Mieko** [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). **FUJIMOTO, Naoyuki** [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). **GOTOH, Mitsuhiro** [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). **ENDO, Toshio** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **AOKI, Takahiro** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **FUKUDA, Mitsuaki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **WATANABE, Masaki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **SASAKI, Shigeru** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **KUBO, Yukio**; Oriental Chisan Building, 1-26, Nishinakajima 7-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (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 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)⁷ G06T 7/00, H04L 9/32

(11) WO 2004/088591 (13) A1

(21) PCT/JP2003/004096

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

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• INTERCLASSEUSE ET ENREGISTREUR

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(72, 75) **FUKUDA, Mitsuaki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **ENDO, Toshio** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **WATANABE, Masaki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **OSUGA, Yoshiyuki**; 3rd Fl., Nibancho Bldg., 8-20, Nibancho, Chiyoda-ku, Tokyo 102-0084 (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)⁷ G06T 7/00

(11) WO 2004/088592 (13) A2

(21) PCT/US2004/009023

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,748 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS FOR PROCESSING COLOR IMAGE DATA EMPLOYING A CHROMA, HUE, AND INTENSITY COLOR REPRESENTATION

• PROCEDE DE TRAITEMENT DE DONNEES IMAGE EN COULEUR UTILISANT UNE SATURATION, UNE TONALITE ET UNE INTENSITE DES REPRESENTATIONS DES COULEURS

(71) **GENERAL ELECTRIC COMPANY** [US/US]; (a New York Corporation), 1 River Road, Schenectady, NY 12345 (US).
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(72, 75) **HAMPSHIRE, John, B., II** [US/US]; 2 Vassar View Road, Poughkeepsie, NY 12603-2531 (US). **SAPTHARISHI, Mahesh** [US/US]; 140 Kenrick Street, Apt. 23, Brighton, MA 02135 (US).

(74) **GNIBUS, Michael** 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 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).

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)⁷ G06T 7/60

(11) WO 2004/088593 (13) A1

(21) PCT/GB2004/001348

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 0307537.1 1 Apr/avr 2003 GB
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR ANALYSING IMAGES

• PROCEDE D'ANALYSE D'IMAGES

(71) **ETIOLOGICS LIMITED** [GB/GB]; Stoke Court, Stokes Poges, Slough, Buckinghamshire SL2 4LY (GB).
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(72, 75) **FOX, Justian, Craig** [GB/GB]; Etiologies Limited, Stoke Court, Stokes Poges, Slough, Buckinghamshire SL2 4LY (GB).

(74) **MASCHIO, Antonio** et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (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

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(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307307.9 29 Mar/mar 2003 GB (29.03.2003)

(30) 0328839.6 12 Dec/déc 2003 GB (12.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE PROCESSING
• TRAITEMENT D'IMAGE

(71) ATELIER VISION LIMITED [GB/GB]; Red Cottage, 51 Caswell Lane, Clapton in Gordano, Bristol BS20 7RU (GB).
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(74) BAILEY, Richard, Alan; Marks & Clerk, 27 Imperial Square, Cheltenham GL50 1RQ (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)⁷ G06T 17/40

(11) WO 2004/088595 (13) A1

(21) PCT/JP2004/004336

(22) 26 Mar/mar 2004 (26.03.2004)

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(30) 2003-090060 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-352341 10 Oct/oct 2003 JP (10.10.2003)

(30) 2003-400877 28 Nov/nov 2003 JP (28.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA AUTHORIZING PROCESSING DEVICE
• DISPOSITIF DE TRAITEMENT POUR LA CREATION DE DONNEES

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo, 1510072 (JP).

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(72, 75) TAKAHASHI, Kazuhiko [JP/JP]SAITO, Akito [JP/JP]SHIBASAKI, Takao [JP/JP]SUGITA, Take-masa [JP/JP]ASANO, Takeo [JP/JP]TERASHIMA, Mikihiro [JP/JP]AKATSUKA, Yuichiro [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G07D

(11) WO 2004/088596 (13) A2

(21) PCT/US2004/009341

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/400,101 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRONIC DELIVERY OF GAMING TICKETS
• REMISE ELECTRONIQUE DE TICKETS DE JEU

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(72, 75) KULA, Miroslaw [US/US]; 49 Baneberry Drive, Cranston, RI (US).

(74) REIBMAN, Andrew, L.; 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).

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)⁷ G07D 5/08, G07F 1/04

(11) WO 2004/088597 (13) A1

(21) PCT/GB2004/001457

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307880.5 4 Apr/avr 2003 GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COIN ACCEPTOR
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(72, 75) BELL, Malcolm, Reginald, Hallas, Bell [GB/GB]; 9 Foxhill Green, Weetwood, Leeds, Lancashire LS16 5PQ (GB). MULVEY, Kevin, Charles [GB/GB]; 18 Ventnor Close, Great Sankey, Warrington, Cheshire WA5 3JL (GB).

(74) READ, Matthew 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)⁷ G07D 7/00, 7/20

(11) WO 2004/088598 (13) A1

(21) PCT/AT2004/000112

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) A 499/2003 31 Mar/mar 2003 AT (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CALIBRATION METHOD
• PROCEDE D'ETALONNAGE

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(74) **GIBLER, Ferdinand**; Dorotheergasse 7/14, A-1010 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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(21) PCT/JP2004/004714

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) ja (26) ja

(30) 2003-094763 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SHEET PAPER IDENTIFICATION DEVICE AND METHOD
• DISPOSITIF ET PROCÉDE D'IDENTIFICATION DE PAPIER EN FEUILLE

(71) **KABUSHIKI KAISHA NIPPON CONLUX** [JP/JP]; 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIDA, Takeshi** [JP/JP]; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP). **KIMURA, Yasuyuki** [JP/JP]; c/o KABUSHIKI KAISHA NIPPON CONLUX, 2-2, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo, 1000011 (JP).

(74) **KIMURA, Takahisa**; 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).

(51)⁷ **G07D 11/00**

(11) **WO 2004/088600** (13) A1

(21) PCT/EP2004/000801

(22) **29 Jan/jan 2004 (29.01.2004)**

(25) de (26) de

(30) 103 15 445.0 **4 Apr/avr 2003 DE (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE AND METHOD FOR CARRYING OUT A FINANCIAL IN-PAYMENT TRANSACTION
• DISPOSITIF ET PROCÉDE POUR EFFECTUER UN VERSEMENT D'ARGENT

(71) **GIESECKE & DEVRIENT GMBH** [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).
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(72, 75) **MÄTZIG, Christoph** [DE/DE]; Münchner Strasse 18a, 84539 Ampfing (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G07D 11/00, G07G 1/00, 1/12, 3/00**

(11) **WO 2004/088601** (13) A1

(21) PCT/SE2004/000539

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) sv (26) en

(30) 0300986-7 **4 Apr/avr 2003 SE (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR HANDLING BANKNOTES AND COINS IN SHOPS WITH A SURVEILLANCE SYSTEM
• DISPOSITIF DE MANIPULATION DE BILLETS ET DE PIÉCES DANS UN MAGASIN

(71) **CASHGUARD AB** [SE/SE]; Propellervägen 10-12, TÄBY, 183 62 (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NORDQVIST, Leif** [SE/SE]; Notvarpsvägen 2, ÅKERSBERGA, 184 70 (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)⁷ **G07F 7/10, 19/00**

(11) **WO 2004/088602** (13) A1

(21) PCT/EP2004/002002

(22) **26 Feb/fév 2004 (26.02.2004)**

(25) en (26) en

(30) 1023058 **31 Mar/mar 2003 NL (31.03.2003)**

(30) 1024547 **16 Oct/oct 2003 NL (16.10.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR USING AN ELECTROMAGNETIC SCRATCHCARD TO PROVIDE SERVICES
• PROCÉDE D'UTILISATION D'UNE CARTE ELECTROMAGNETIQUE MUNIE D'UN REVETEMENT A ELIMINER PAR GRATAGE, POUR FOURNIR DES SERVICES

(71) **KONINKLIJKE KPN N.V.** [NL/NL]; Stationsplein 7, NL-9726 AE Groningen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MULLER, Frank** [NL/NL]; Hopstraat 59, NL-2611 TB Delft (NL). **RUIJS, Franciscus, Lambertus, Nicolaas** [NL/NL]; Groenstraat 32, NL-5398 Maren Kessel (NL).

(74) **WUYTS, Koenraad, Maria**; Koninklijke KPN N.V., P.O. Box 95321, NL-2509 CH 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 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 :

(u) for / pour US only / seulement

(51)⁷ **G07F 7/10**

(11) **WO 2004/088603** (13) A1

(21) PCT/IB2004/050358

(22) **30 Mar/mar 2004 (30.03.2004)**

- (25) en (26) en
- (30) 03100837.8 **31 Mar/mar 2003** EP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD TO GRANT MODIFICATION RIGHTS FOR A SMART CARD
- PROCEDE POUR ACCORDER DES DROITS DE MODIFICATION RELATIFS A UNE CARTE A PUCE
- (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 SE US)
- (71) **PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH** [DE/DE]; 20099 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf DE US)
- (72, 75) **PRZYBILLA, Henrik** [GE/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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ **G07F 17/32, 9/08**
- (11) **WO 2004/088604** (13) A1
- (21) PCT/US2004/009779
- (22) **28 Mar/mar 2004 (28.03.2004)**
- (25) en (26) en
- (30) 60/458,301 **28 Mar/mar 2003** US
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SAFEGUARDS AGAINST CHEATING AND MALFUNCTIONING OF GAMING DEVICES THAT USE FORMS OF CASHLESS WAGERING
- DISPOSITIFS DE PROTECTION CONTRE LA TRICHERIE ET LE DYS-FONCTIONNEMENT DE DISPOSITIFS DE JEUX A MISE SANS NUMERAIRE
- (71) **ACRES GAMING INCORPORATED** [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHNEIDER, Richard, J.** [US/US]; 7115 Amigo Street, Suite 150, Las Vegas, NV 89119 (US).
- (74) **ROSS, Kevin, S.** et al. / etc.; Marger Johnson & McCollom, P.C., 1030 S.W. Morrison Street, Portland, OR 97205 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ **G07F 19/00**
- (11) **WO 2004/088605** (13) A1
- (21) PCT/NL2004/000216
- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) nl (26) en
- (30) 1023068 **1 Apr/avr 2003** NL
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • TRANSACTION APPARATUS FOR PROCESSING TRANSACTIONS BY MEANS OF A COMMUNICATION NETWORK, AND SYSTEM COMPRISING SUCH A TRANSACTION APPARATUS
- APPAREIL DE TRANSACTION POUR LE TRAITEMENT DE TRANSACTIONS AU MOYEN D'UN RESEAU DE COMMUNICATION ET SYSTEME COMPRENANT LEDIT APPAREIL DE TRANSACTION
- (71) **COÖPERATIEVE CENTRALE RAIF- FEISEN-BOERENLEENBANK B.A.** [NL/NL]; Offices at Utrecht, Croeselaan 18, NL- 3521 CB AMSTERDAM (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HEIJER, Robert, Charles** [NL/NL]; Kraanbaan 34, NL-2321 PN LEIDEN (NL).
- VAN IPENBURG, Werner** [NL/NL]; Evertsenlaan 5, NL-3941 VL DOORN (NL).
- WESTERHOF, Willem, Cornelis** [NL/NL]; Hildebrandlaan 32, NL-3768 GW SOEST (NL).
- (74) **DE VRIES, Johannes, Hendrik, Fokke**; De Vries & Metman, Overschiestraat 180, NL-1062 XK AMSTERDAM (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)⁷ **G08B 13/24**
- (11) **WO 2004/088606** (13) A1
- (21) PCT/IL2004/000257
- (22) **23 Mar/mar 2004 (23.03.2004)**
- (25) en (26) en
- (30) 60/458,400 **31 Mar/mar 2003** US
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD OF MANUFACTURING DEACTIVATING ELEMENTS FOR MAGNETIC MARKERS
- PROCEDE DE FABRICATION D'ELEMENTS DE DESACTIVATION POUR MARQUEURS MAGNETIQUES
- (71) **A.C.S. ADVANCED CODING SYSTEMS LTD.** [IL/IL]; Beit Yaacobi, 1 Ha'atmaut Street, P.O.Box 2903, Even Yehuda 40500 (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SORKINE, Evgeni** [IL/IL]; 8 Rav Ashi Street, Tel Aviv 69395 (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).
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- (51)⁷ **G08B 21/22**
- (11) **WO 2004/088607** (13) A2
- (21) PCT/US2004/009178
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 10/397,126 **26 Mar/mar 2003** US
(26.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ELECTRONIC PATIENT MONITOR AND WHITE NOISE SOURCE
- DISPOSITIF ELECTRONIQUE DE SURVEILLANCE DE PATIENT ET SOURCE DE BRUIT BLANC
- (71) **BED-CHECK CORPORATION** [US/US]; 307 E. Brady, Tulsa, OK 74120 (US).
- (72) **COOPER, Craig, L.**; 21810 E. 610 Road, Inola, OK 74036 (US). **SMITH, Toby, E.**; 4001 South Birch Place, Broken Arrow, OK 74011 (US).
- (74) **WATT, Terry, L.**; Fellers, Snider, Blankenship, Bailey & Tippens, P.C., Suite 800, 321 South Boston, Tulsa, OK 74103-3318 (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).

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)⁷ G08C

(11) WO 2004/088608 (13) A2

(21) PCT/US2004/009527

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/401,378 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SYSTEM AND METHOD FOR USING AN UNIVERSAL REMOTE CONTROL TO ACCESS EXTENDED OPERATIONAL FUNCTIONS OF A DEVICE

- SYSTEME ET METHODE POUR UTILISER UNE TELECOMMANDE UNIVERSELLE POUR ACCEDER A DES FONCTIONS OPERATOIRES ETENDUES D'UN DISPOSITIF

(71) UNIVERSAL ELECTRONICS, INC. [US/US]; 6101 Gateway Drive, Cypress, CA 90630 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NGUYEN, Kimthoa, Thi [US/US]; 5385 E. Suncrest Avenue, Anaheim Hills, CA 92807 (US).

(74) HARRIS, Richard, D. et al. / etc.; Greenberg Traurig LLP, 77 West Wacker Drive, Suite 2500, 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)⁷ G08C 19/02

(11) WO 2004/088609 (13) A2

(21) PCT/US2004/009435

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/407,292 4 Apr/avr 2003 US (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • TRANSMITTER WITH DUAL PROTOCOL INTERFACE

- EMETTEUR-RECEPTEUR AVEC INTERFACE A DOUBLE PROTOCOLE

(71) ROSEMOUNT INC. [US/US]; 12001 Technology Drive, Eden Prairie, MN 55344 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEDTKE, Robert, C.; 17450 90th Street, Young America, MN 55397 (US).

(74) CHAMPLIN, Judson, K. et al. / etc.; Westman, Champlin & Kelly, P. A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08G 1/095

(11) WO 2004/088610 (13) A2

(21) PCT/AU2004/000328

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 2003901485 1 Apr/avr 2003 AU (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • TRAFFIC CONTROL SYSTEM

- SYSTEME DE REGULATION DE LA CIRCULATION

(71) WIRELESS TRAFFIC TECHNOLOGIES PTY LIMITED [AU/AU]; A.C.N. 102 969 540, Suite 501, Level 5, 35 Spring Street, Bondi Junction, NSW 2022 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHMILOVITS, Arye [IL/AU]; 9 John Dykes Avenue, Vaucluse, NSW 2030 (AU).

(74) F B RICE & CO; 605 Darling Street, Balmain, NSW 2041 (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)⁷ G08G 1/133, B60Q 9/00

(11) WO 2004/088611 (13) A1

(21) PCT/SE2004/000365

(22) 12 Mar/mar 2004 (12.03.2004)

(25) sv (26) en

(30) 0300920-6 31 Mar/mar 2003 SE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • APPARATUS AND METHOD FOR ALERTING A DRIVER WHEN A VEHICLE DEPARTS FROM A PREDEFINED DRIVING AREA IN A LANE

- PROCEDE ET DISPOSITIF POUR ALERTER LE PILOTE D'UN VEHICULE QUI DEVIE D'UNE ZONE DE CONDUITE DEFINIE SUR UNE VOIE

(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) JARLENGRIP, Johan [SE/SE]; Hökegatan 18, S-416 66 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)⁷ G09B

(11) WO 2004/088612 (13) A2

(21) PCT/DE2004/000617

(22) 17 Mar/mar 2004 (17.03.2004)

(25) de (26) de

(30) 103 14 896.5 1 Apr/avr 2003 DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • KEYBOARD, STICKER FOR A KEYBOARD, MAT FOR PLACEMENT ON A KEYBOARD AND LEARNING SYSTEM

- CLAVIER, AUTOCOLLANT DESTINE A UN CLAVIER, TAPIS A POSER SUR UN CLAVIER ET SYSTEME D'APPRENTISSAGE

(71, 72) HINZ-HABERLAND, Wolfgang [DE/DE]; St. Wolfgangstrasse 29A, 69231 Rauenberg (DE).

(74) ULLRICH & NAUMANN; Luisenstrasse 14, 69115 Heidelberg (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)⁷ G09B 23/30, G01M 11/02

(11) WO 2004/088613 (13) A1

(21) PCT/US2004/008710

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 10/397,097 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • EYE MODEL FOR MEASUREMENT

- MODELE OCULAIRE PERMETTANT D'EFFECTUER DES MESURES

(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) NIVEN, Gregg, D. [US/US]; 1265 West 200 North, Kaysville, UT 84037 (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).

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Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51)⁷ G09B 29/10

(11) WO 2004/088614 (13) A1

(21) PCT/GB2004/001309

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307596.7 2 Apr/avr 2003 GB
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRAVEL INDICATOR

- INDICATEUR DE DEPLACEMENT

(71) CURIOSITES 4 KIDS LIMITED [GB/GB]; 12 Strickland Close, Grappenhall Heys, Warrington WA4 3LJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KINNAIRD, Jnae, Caroline [GB/GB]; 8 Denbury Avenue, Stockton Heath, Cheshire WA4 2BL (GB).

(74) GRAVES, Ronald; 24 Fitzwilliam Avenue, Sutton, Macclesfield, Cheshire SK11 0EJ (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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(u) for / pour US only / seulement

(51)⁷ G09F 1/06, 23/14, A63H 33/04

(11) WO 2004/088615 (13) A1

(21) PCT/IT2003/000191

(22) 31 Mar/mar 2003 (31.03.2003)

(25) it (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THREE-DIMENSIONAL MODULAR STRUCTURE FOR THE ASSEMBLY AND DISPLAY OF GRAPHIC ELEMENTS

- STRUCTURE MODULAIRE TRIDIMENSIONNELLE DESTINEE A L'ASSEMBLAGE ET A LA PRESENTATION D'ELEMENTS GRAPHIQUES

(71, 72) TABANELLI, Luciano [IT/IT]; Via Mameli, 49, I-60027 Osimo (IT).

(74) CRIPPA, Paolo, Ernesto et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 (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)⁷ G09F 9/00, 9/30, A61M 21/00, H05B 33/12, G09G 3/20, 3/30, 3/34, 5/00, 5/10

(11) WO 2004/088616 (13) A1

(21) PCT/JP2004/004364

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-092542 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISPLAY DEVICE

- DISPOSITIF D'AFFICHAGE

(71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAKABAYASHI, YasutakaYAMANAKA, AtsushiIWAUCHI, KenichiKOYAMA, Emi

(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 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F 13/18

(11) WO 2004/088617 (13) A1

(21) PCT/SE2004/000498

(22) 1 Apr/avr 2004 (01.04.2004)

(25) sv (26) en

(30) 0300982-6 2 Apr/avr 2003 SE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONVEX LUMINANT SIGN

• ENSEIGNE LUMINEUSE

(71, 72) KARLSSON, Dennis [SE/SE]; PL. 1153 Hol, ALINGSÅS, 441 93 (SE).

(74) KYLIN, Peter et al. / etc.; Hynell Patent-tjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (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)⁷ G09F 19/00

(11) WO 2004/088618 (13) A2

(21) PCT/ZA2004/000033

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 03/2641 4 Apr/avr 2003 ZA (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A MICROPHONE ACCESSORY

• ACCESSOIRE DE MICROPHONE

(71, 72) LEVINSOHN, Steven, Mark [ZA/ZA]; 204 Hyde Gate, 27 Ruth Road, 2196 Hyde park (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G09G

(11) WO 2004/088619 (13) A2

(21) PCT/US2004/008976

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/397,707 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIGITAL DISPLAY AND MESSAGE DEVICE

• ECRAN NUMERIQUE ET DISPOSITIF DE MESSAGERIE

(71, 72) MAQUI, David [US/US]; 17141 Ventura Boulevard, Suite 208, Encino, CA 91316 (US). TAHERI, Sean [IR/US]; 17141 Ventura Boulevard, Suite 208, Encino, CA 91316 (US).

(74) ABRAHAM, Colin, P.; Law Office of Colin P. Abrahams, 5850 Canoga Avenue, Suite 400, 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)⁷ G09G

(11) WO 2004/088620 (13) A2

(21) PCT/US2004/009418

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/460,277 4 Apr/avr 2003 US (04.04.2003)

(30) 10/806,895 22 Mar/mar 2004 US (22.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISPLAYS WITH ALL-METAL ELECTRONICS

• AFFICHAGES EQUIPES DE COMPOSANTS ELECTRONIQUES ENTIEREMENT METALLIQUES

(71) INTEGRATED MAGNETOELECTRONICS CORPORATION [US/US]; 1214 Oxford Street, Berkeley, California 94709 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDREI, Radu [DE/US]; P.O. Box 2346, Monterey, California 93942 (US). SPITZER, Richard [US/US]; 1214 Oxford Street, Berkeley, California 94709 (US). TOROK, E., James [US/US]; 680 Country Road, IW, Shoreview, Minnesota 55126 (US).

(74) VILLENEUVE, Joseph, M.; BEYER WEAVER & THOMAS, LLP, P.O. Box 778, Berkeley, California 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)⁷ G09G 3/20

(11) WO 2004/088621 (13) A1

(21) PCT/EP2004/003097

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 14 268.1 29 Mar/mar 2003 DE (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND CIRCUIT ARRANGEMENT FOR SIMULATING PIXEL AND SUB-PIXEL DEFECTS THAT OCCUR IN MATRIX-ADDRESSED DISPLAYS

• PROCEDE ET CIRCUITERIE POUR SIMULER DES DEFAUTS AU NIVEAU PIXEL ET SOUS-PIXEL APPARAISANT DANS DES AFFICHAGES A ADRESSAGE MATRICIEL

(71) GRUNDIG AKTIENGESELLSCHAFT I. INS. [DE/DE]; Beuthener Strasse 41, 90471 Nürnberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FISCHBECK, Udo [DE/DE]; Wilhelmshavener Strasse 30, 90766 Fürth (DE). FRIEBE, Markus [DE/DE]; Herzogstrasse 96, 80796 München (DE). SPINDLER, Johannes [DE/DE]; Hofreuthackerstrasse 106, 90482 Nürnberg (DE).

(74) PRÖLL, Jürgen; Grundig Aktiengesellschaft i. Ins., Beuthener Strasse 41, 90471 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).

(51)⁷ G09G 3/20, G09F 9/40

(11) WO 2004/088622 (13) A1

(21) PCT/JP2004/004417

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

- (30) 2003-096174 **31 Mar/mar 2003** JP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DISPLAY SYSTEM
• SYSTEME 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) KUWABARA, TakashiIBARAKI, SusumuMORI, ToshiakiNAKANO, NobuyukiIWAMI, RyotaroTERADA, TomohiroIISAKA, AtsushiKUROSAKI, Toshihiko
- (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).
- Published / Publiée : (a)
-
- (51)⁷ G09G 3/30, 3/28, 3/20, H05B 33/14
- (11) WO 2004/088623 (13) A1
- (21) PCT/JP2003/014042
- (22) 31 Oct/oct 2003 (31.10.2003)
- (25) ja (26) ja
- (30) 2003-92534 **28 Mar/mar 2003** JP
(28.03.2003)
- (30) 2003-204018 **30 Jul/juil 2003** JP
(30.07.2003)
- (30) 2003-366130 **27 Oct/oct 2003** JP
(27.10.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DISPLAY DEVICE AND DRIVE METHOD THEREOF
• DISPOSITIF D'AFFICHAGE ET PROCEDE DE COMMANDE DE CELUI-CI
- (71) SHARP KABUSHIKI KAISHA [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NUMAO, Takaji [JP/JP]; 2-4-15-907, Omiya-cho, Nara-shi, Nara 630-8115 (JP).
- (74) HARA, Kenzo et al. / etc.; HARAKENZO PATENT LAW FIRM, Daiwa Minamimori-machi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ G09G 3/32
- (11) WO 2004/088624 (13) A1
- (21) PCT/IB2004/000869
- (22) 16 Mar/mar 2004 (16.03.2004)
- (25) en (26) en
- (30) 0307320.2 **29 Mar/mar 2003** GB
(29.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ACTIVE MATRIX DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE A MATRICE ACTIVE
- (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) FISH, David, A. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
HECTOR, Jason, R. [GB/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).
- 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)⁷ G09G 3/32
- (11) WO 2004/088625 (13) A1
- (21) PCT/IB2004/000920
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 0307476.2 **1 Apr/avr 2003** GB
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DISPLAY DEVICE HAVING A SPARKLING EFFECT AND METHOD FOR DRIVING THE SAME
• DISPOSITIF D'AFFICHAGE A EFFET SCINTILLANT ET SON PROCEDE DE COMMANDE
- (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) GIRALDO, Andrea [IT/NL]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
JOHNSON, Mark, T. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
FISH, David, A. [GB/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).
-
- (51)⁷ G09G 3/32
- (11) WO 2004/088626 (13) A1
- (21) PCT/IB2004/000923
- (22) 23 Mar/mar 2004 (23.03.2004)
- (25) en (26) en
- (30) 0307475.4 **1 Apr/avr 2003** GB
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ACTIVE MATRIX DISPLAY DEVICES WITH MODELLING CIRCUIT LOCATED OUTSIDE THE DISPLAY AREA FOR COMPENSATING THRESHOLD VARIATIONS OF THE PIXEL DRIVE TRANSISTOR
• DISPOSITIF D'AFFICHAGE A MATRICE ACTIVE COMPORTANT UN CIRCUIT DE MODELISATION SITUÉ A L'EXTERIEUR DE LA ZONE D'AFFICHAGE POUR COMPENSER LES

VARIATIONS DE SEUIL DU TRANSIS-
TOR D'ATTAQUE DES PIXELS

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) **HECTOR, Jason, R.** [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). **FISH, David, A.** [GB/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).

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)⁷ G09G 3/32

(11) **WO 2004/088627** (13) A1

(21) PCT/IB2004/000974

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 0307789.8 **4 Apr/avr 2003** GB (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTROLUMINESCENT DISPLAY DEVICES

• DISPOSITIF D'AFFICHAGE ELECTROLUMINESCENT

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) **FISH, David, A.** [GB/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).

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)⁷ G09G 3/32

(11) **WO 2004/088628** (13) A1

(21) PCT/JP2004/004189

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 2003-091787 **28 Mar/mar 2003** JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DRIVING METHOD OF INTEGRATED CIRCUIT

• PROCEDE D'EXCITATION D'UN CIRCUIT INTEGRE

(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) **HIRAI, Tadahiko** [JP/JP]; c/o Canon Kabushiki Kaisha, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501 (JP). **SAWADA, Kikuzo** [JP/JP]; 13-5, Nakacho 2-chome, Koganei-shi, Tokyo 1840012 (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)⁷ G09G 3/34

(11) **WO 2004/088629** (13) A1

(21) PCT/IB2004/050342

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) en (26) en

(30) 03100870.9 **2 Apr/avr 2003** EP (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FOIL DISPLAY

• AFFICHEUR A FILM

(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). **CREEMERS, Tijdsbert, M., H.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DUINE, Peter, A.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MARRA, Johannes** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GIRALDO, Andrea** [IT/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).

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)⁶ G10G 3/04

(11) **WO 2004/088630** (13) A1

(21) PCT/JP1998/002806

(22) **24 Jun/juin 1998 (24.06.1998)**

(25) ja (26) ja

- (30) 9/197969 **9 Jul/juil 1997** JP
(09.07.1997)
- (30) 9/274952 **24 Sep/sep 1997** JP
(24.09.1997)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD OF READING MUSIC AND COMPUTER-READABLE RECORDING MEDIUM HAVING MUSIC-READING PROGRAM RECORDED THEREIN
- PROCEDE DE LECTURE DE MUSIQUE, ET SUPPORT D'ENREGISTREMENT LISIBLE PAR UN ORDINATEUR AYANT UN PROGRAMME ENREGISTRE DE LECTURE DE MUSIQUE

(71, 72) NAKANO, Seiji [JP/JP]; c/o Kabushiki Kaisha Kawai Gakki Seisakusho, 200, Terajima-cho, Hamamatsu-shi, Shizuoka-ken 430-8665 (JP).

(74) SATO, Hideyo; Dai3Ikyutei-Mansion, No.202, 9-1, Shinjuku, 2-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) US.

Published / Publiée : (e): 24Oct/oct 2000
(24.10.2000), 6137041

(51)⁷ G10H 1/40, G10G 3/04

(11) WO 2004/088631 (13) A1

(21) PCT/JP2004/003010

(22) 9 Mar/mar 2004 (09.03.2004)

(25) ja (26) ja

(30) 2003-094100 **31 Mar/mar 2003** JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • TEMPO ANALYSIS DEVICE AND TEMPO ANALYSIS METHOD
- DISPOSITIF ET PROCEDE D'ANALYSE DE TEMPO

(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) SHIRAISHI, Goro [JP/JP]; C/o Sony Corporation 7-35 Kitashinagawa 6-chome Shinagawa-ku Tokyo, 1410001 (JP). SEKINE, Chie [JP/JP]; C/o Sony Corporation 7-35 Kitashinagawa 6-chome Shinagawa-ku Tokyo, 1410001 (JP). MASUDA, Kumiko [JP/JP]; C/o Sony Corporation 7-35 Kitashinagawa 6-chome Shinagawa-ku Tokyo, 1410001 (JP). MORI, Kuniharu [JP/JP]; C/o Sony Corporation 7-35 Kitashinagawa 6-chome Shinagawa-ku Tokyo, 1410001 (JP).

(74) KOIKE, Akira et al. / etc.; Yamato Seimei Bldg., 11th Floor, 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)⁷ G10L

(11) WO 2004/088632 (13) A2

(21) PCT/US2004/009539

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,285 **26 Mar/mar 2003** US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SPEAKER RECOGNITION USING LOCAL MODELS

• RECONNAISSANCE DE LOCUTEUR AU MOYEN DE MODELES LOCAUX

(71) HONDA MOTOR CO., LTD. [JP/JP]; No. 1-1, 2-Chome, Minamiaoyama, Minato-Ku, Tokyo 107-8556 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIFKIN, Ryan [US/US]; 145 Tremont Street, Boston, MA 02111 (US).

(74) McNELIS, John, T. 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)⁷ G10L 11/04

(11) WO 2004/088633 (13) A1

(21) PCT/FR2004/000483

(22) 2 Mar/mar 2004 (02.03.2004)

(25) fr (26) fr

(30) 03/03790 **27 Mar/mar 2003** FR
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD FOR ANALYZING FUNDAMENTAL FREQUENCY INFORMATION AND VOICE CONVERSION METHOD AND SYSTEM IMPLEMENTING SAID ANALYSIS METHOD

• PROCEDE D'ANALYSE D'INFORMATIONS DE FREQUENCE FONDAMENTALE ET PROCEDE ET SYSTEME DE CONVERSION DE VOIX METTANT EN OEUVRE UN TEL PROCEDE D'ANALYSE

(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) EN-NAJJARY, Taoufik [MA/FR]; 8, résidence Breiz, F-22300 Lannion (FR). ROSEC, Olivier [FR/FR]; 7, impasse Marcellin Berthelot, F-22300 Lannion (FR).

(74) HABASQUE, Etienne et al. / etc.; CABINET LAVOIX, 2, place d'Estienne d'Orves, F-75441 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 : (c)

(51)⁷ G10L 13/06

(11) WO 2004/088634 (13) A1

(21) PCT/JP2004/004304

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-090045 **28 Mar/mar 2003** JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SPEECH SIGNAL COMPRESSION DEVICE, SPEECH SIGNAL COMPRESSION METHOD, AND PROGRAM

• DISPOSITIF DE COMPRESSION DE SIGNAL VOCAL. PROCEDE DE COMPRESSION DE SIGNAL VOCAL ET PROGRAMME

(71) KABUSHIKI KAISHA KENWOOD [JP/JP]; 2967-3, Ishikawa-cyo, Hachioji-shi, Tokyo, 1928525 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATO, Yasushi [JP/JP]; Room 401, 4-16-18, Minaminagareyama, Nagareyama-shi, Chiba, 2700163 (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)⁷ G10L 15/26

(11) WO 2004/088635 (13) A1

(21) PCT/IB2004/050360

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 03100853.5 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM FOR CORRECTION OF
SPEECH RECOGNITION RESULTS
WITH CONFIDENCE LEVEL INDICA-
TION

• SYSTEME DE CORRECTION DES RE-
SULTATS DE LA RECONNAISSANCE
DE LA PAROLE A INDICATION DU NI-
VEAU DE CONFIANCE

(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) STANGLMAYR, Klaus [US/AT]; Tri-
ester 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 VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G10L 15/28

(11) WO 2004/088636 (13) A1

(21) PCT/FR2004/000546

(22) 8 Mar/mar 2004 (08.03.2004)

(25) fr (26) fr

(30) 03/03615 25 Mar/mar 2003 FR
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISTRIBUTED SPEECH RECOGNI-
TION SYSTEM

• SYSTEME DE RECONNAISSANCE DE
PAROLE DISTRIBUEE

(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) MONNE, Jean [FR/FR]; 53, rue du
Pré de Saint-Maur, F-22700 Perros Guirec
(FR). PETIT, Jean-Pierre [FR/FR]; 10, lot
Zant Erwan, F-22220 Minihiy Treguier (FR).
BRISARD, Patrick [FR/FR]; 5, allée du
Cèdre, F-92320 Chatillon (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR

KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE 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)⁷ G10L 15/28

(11) WO 2004/088637 (13) A1

(21) PCT/FR2004/000547

(22) 8 Mar/mar 2004 (08.03.2004)

(25) fr (26) fr

(30) 03/03614 25 Mar/mar 2003 FR
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISTRIBUTED SPEECH RECOGNI-
TION METHOD

• PROCEDE DE RECONNAISSANCE DE
PAROLE DISTRIBUEE

(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) MONNE, Jean [FR/FR]; 53, rue du
Pré de Saint-Maur, F-22700 Perros Guirec
(FR). PETIT, Jean-Pierre [FR/FR]; 10, lot
Zant Erwan, F-22220 Minihiy Tréguier (FR).
BRISARD, Patrick [FR/FR]; 5, allée du
Cèdre, F-92320 Châtillon (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
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ G10L 19/00

(11) WO 2004/088638 (13) A1

(21) PCT/EP2004/002026

(22) 26 Feb/fév 2004 (26.02.2004)

(25) en (26) en

(30) 03075949.2 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR SPEECH
QUALITY PREDICTION OF AN AU-
DIO TRANSMISSION SYSTEM

• PROCEDE ET SYSTEME DE PREDIC-
TION DE LA QUALITE VOCALE D'UN
SYSTEME DE TRANSMISSION AU-
DIO

(71) KONINKLIJKE KPN N.V. [NL/NL]; Sta-
tionsplein 7, NL-9726 AE Groningen (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BEERENDS, John, Gerard [NL/NL];
Polderweg 26, NL-4585 PB Hengstdijk
(NL). VAN DEN HOMBERG, Marc, Jan,
Christiaan [NL/NL]; Stadhouderslaan 90c,
NL-2517 JB The Hague (NL).

(74) WUYTS, Koenraad, Maria; Koninklijke
KPN N.V., P.O. Box 95321, NL-2509 CH
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 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)⁷ G10L 19/00, H04R 5/00, G05B 23/02,
19/00, 21/00, G08B 5/00, G06K 9/36, H04N
5/14, A61B 3/02

(11) WO 2004/088639 (13) A1

(21) PCT/IL2003/000274

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PSYCHOPHYSICAL PERCEPTION EN-
HANCEMENT

• RENFORCEMENT DE LA PERCEP-
TION PSYCHOPHYSIQUE

(71) MAGINK DISPLAY TECHNOLOGIES
LTD. [IL/IL]; NEVE-ILAN COMMUNI-
CATION CENTER, P.O.BOX 3670, 90805
MEVASSERET ZION (IL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SCHEFF, Chaim [IL/IL]; Bezalel 16,
94591 Jerusalem (IL). BEN-SHALOM,
Amir [IL/IL]; 8 Mentor St., 71700 Modiin
(IL). ENGEL, Shlomit [IL/IL]; No. 4 Mevo
Levona St. Appt. 13, 90805 Mevasseret
Zion (IL). COATES, David [GB/GB]; 87
SOPWITH CRES, Merely Winborne, Dorset
BH21 1 SW (GB).

(74) SCHEFF, Chaim; c/o magink display tech-
nologies Ltd., Neve-Ilan Communication
Center, P.O.Box 3670, 90805 Mevasseret
Zion (IL).

(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 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 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 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 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 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)⁷ G11B

(11) WO 2004/088640 (13) A2

(21) PCT/IL2004/000292

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 155176 31 Mar/mar 2003 IL
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR
RECORDING IDENTITIES OF SE-
LECTED ITEMS

• PROCEDE ET APPAREIL POUR EN-
REGISTRER L'IDENTITE D'ARTICLES
CHOISIS

(71) ESPRO INFORMATION TECHNOLO-
GIES LTD. [IL/IL]; 17 Atir Yeda St., New
Industrial Park, Kfar Saba, 44643 (IL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GAL, Israel [IL/IL]; Hahadarim 70, Sde
Warburg, 44935 (IL). SHALEM, Shmuel
[IL/IL]; Beytar 23, Herzlia, 46432 (IL).

(74) EITAN PEARL LATZER & CO-
HEN-ZEDEK et al. / etc.; 7 Shenkar
Street, Herzlia, 46725 (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)⁷ G11B

(11) WO 2004/088641 (13) A2

(21) PCT/US2004/009149

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,716 26 Mar/mar 2003 US
(26.03.2003)

(30) Not furnished / 25 Mar/mar 2004 US
non communiqué (25.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR SE-
CURELY STORING, GENERATING,
TRANSFERRING AND PRINTING
ELECTRONIC PREPAID VOUCHERS

• SYSTEME ET PROCEDE DE STO-
CKAGE, GENERATION, TRANSFERT
ET IMPRESSION SECURISES DE
BONS ELECTRONIQUES PREPAYES

(71) WAY SYSTEMS, INC. [US/US]; 200 Uni-
corn Park, Woburn, MA 01801 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) GOLDTHWAITE, Scott [US/US]; 15
Oregon Court, Hingham, MA 02043 (US).

BALSAN, Damien [US/US]; 78 Melrose
Street, Arlington, MA 02474 (US).

(74) COLLINS, Alik, K. ph. d.; AKC Patents,
215 Grove Street, Newton, MA 02466 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)

TR) OA (BF BJ CF CG CI CM GA GN GQ GW
ML MR NE SN TD TG)

(51)⁷ G11B

(11) WO 2004/088642 (13) A2

(21) PCT/US2004/009351

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,903 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FREQUENCY SHAPING STREAM SIG-
NAL PROCESSOR

• UNITE DE TRAITEMENT DE SI-
GNAUX DE TRAINS DE MISE EN
FORME DE SPECTRES DE FRE-
QUENCES

(71) ESS TECHNOLOGY, INC. [US/US];
48401 Fremont Blvd., Fremont, CA 94538
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) MALLINSON, Andrew, Martin
[CA/CA]; Ess Technology, Inc., 48401
Fremont Blvd., 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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ G11B
(11) WO 2004/088643 (13) A2
(21) PCT/US2004/009520
(22) 25 Mar/mar 2004 (25.03.2004)
(25) en (26) en
(30) 60/457,676 25 Mar/mar 2003 US (25.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • INTERGENERATIONAL INTERACTIVE LIFETIME JOURNALING/DIARY AN ADVICE/GUIDANCE SYSTEM
• SYSTEME INTERGENERATIONNEL INTERACTIF DE JOURNALISATION ET DE CONSEIL/ORIENTATION
(71, 72) SHAPIRO, Saul [US/US]; c/o Mt. Tabor Legal Clinic, 4506 Se Belmont Suite A, Portland, OR 97215 (US).
(74) WALTERS, James, H.; Dellett and Walters, P.O. Box 2786, Portland, OR 97208-2786 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G11B 7/007
(11) WO 2004/088644 (13) A1
(21) PCT/KR2004/000740
(22) 31 Mar/mar 2004 (31.03.2004)
(25) en (26) en
(30) 2003-098501 1 Apr/avr 2003 JP (01.04.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • RECORDING MEDIUM HAVING SUPER-RESOLUTION NEAR-FIELD STRUCTURE AND METHOD AND APPARATUS FOR REPRODUCING THE SAME
• SUPPORT D'ENREGISTREMENT COMPRENANT UNE STRUCTURE DE CHAMP PROCHE A SUPER-RESOLUTION ET PROCEDE ET APPAREIL DE REPRODUCTION DE CELUI-CI
(71) SAMSUNG ELECTRONICS CO. LTD. [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR). NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 1-3-1 Kasumigaseki, Chiyoda-ku, Tokyo 100-8921 (JP).
(72) KIM, Joo-Ho; 104-901 SK Apt., 700, Seocheon-ri, Giheung-eup, Yongin-si, Gyeonggi-do 449-900 (KR). TOMINAGA, Junji; 111 Higashi, Tsukubasi, Ibaraki 305-8562 (JP). YOON, Du-Seop; 315-601 Sibeomdanji Hanyang Apt., 91, Seohyun-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-050 (KR).

- (74) LEE, Young-Pil; The Cheonghwa Building, 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 UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G11B 7/09, 7/135, 7/125
(11) WO 2004/088645 (13) A1
(21) PCT/JP2004/003778
(22) 19 Mar/mar 2004 (19.03.2004)
(25) ja (26) ja
(30) 2003-092110 28 Mar/mar 2003 JP (28.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • SPLIT BODY, LIGHT EMITTING BODY AND OPTICAL PICKUP DEVICE
• ELEMENT DIVISE, ELEMENT EMETTEUR DE LUMIERE ET DISPOSITIF CAPTEUR OPTIQUE
(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) TSUCHIDA, Kazuhiro [JP/JP]; Sharumu East A102, 609, Ishikawa-cho, Kashihara-shi, Nara 6340045 (JP). NAGAHAMA, Toshiya [JP/JP]; 7-13-30, Mami-gaoka, Kashiba-shi, Nara 6390223 (JP). SAKAI, Keiji [JP/JP]; 3-206-15, Nakayama-machonishi, Nara-shi, Nara 6310013 (JP). UHEYAMA, Tetsuo [JP/JP]; 2-7-12-802, Tomiomotomachi, Nara-shi, Nara 6310078 (JP). MASUI, Katsushige [JP/JP]; 9, Takamikado-cho, Nara-shi, Nara 6308336 (JP). OTSUKA, Naotaka [JP/JP]; 1-30-9, Tomiokawanishi, Nara-shi, Nara 6310077 (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)⁷ G11B 7/09, 7/085
(11) WO 2004/088646 (13) A1
(21) PCT/JP2004/004013
(22) 24 Mar/mar 2004 (24.03.2004)
(25) ja (26) ja
(30) 2003-094709 31 Mar/mar 2003 JP (31.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • FOCUS CONTROL DEVICE AND METHOD, AND FOCUS CONTROL PROGRAM
• DISPOSITIF ET PROCEDE DE COMMANDE DE MISE AU POINT ET PROGRAMME DE COMMANDE DE MISE AU POINT
(71) CLARION CO. LTD. [JP/JP]; 35-2, Hakusan 5-chome, Bunkyo-ku, Tokyo, 1128608 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) YAJIMA, Hirofumi [JP/JP]; C/O Clarion Co., Ltd. 35-2, Hakusan 5-chome, Bunkyo-ku, 1128608 (JP).
(74) KIUCHI, Mitsuharu; 5th Floor, Toranomon-Yoshiara Bldg. 6-13, Nishi-Shinbashi 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)⁷ G11B 7/09, 7/085
(11) WO 2004/088647 (13) A1
(21) PCT/JP2004/004301
(22) 26 Mar/mar 2004 (26.03.2004)
(25) ja (26) ja
(30) 2003-094855 31 Mar/mar 2003 JP (31.03.2003)
(43) 14 Oct/oct 2004 (14.10.2004)
(54) • FOCUS CONTROLLING DEVICE AND METHOD, AND FOCUS CONTROL PROGRAM
• DISPOSITIF ET PROCEDE DE COMMANDE DE FOCAL ET PROGRAMME DE COMMANDE DE FOCAL
(71) CLARION CO. LTD. [JP/JP]; 35-2, Hakusan 5-chome Bunkyo-ku Tokyo, 1128608 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) YAJIMA, Hirofumi [JP/JP]; C/O Clarion Co., Ltd. 35-2, Hakusan 5-chome Bunkyo-ku, Tokyo, 1128608 (JP). GOCHO,

- Manabu** [JP/JP]; C/O Clarion Co., Ltd. 35-2, Hakusan 5-chome Bunkyo-ku Tokyo, 1128608 (JP).
- (74) **KIUCHI, Mitsuharu**; 5th Floor, Toranomon-Yoshiara Bldg. 6-13, Nishi-Shinbashi 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 SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G11B 7/135, G02B 5/18, 13/18**
- (11) **WO 2004/088648** (13) A1
- (21) PCT/JP2004/004032
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) ja (26) ja
- (30) 2003-94403 **31 Mar/mar 2003 JP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **CONDENSING OPTICAL SYSTEM**
- **SYSTEME OPTIQUE DE CONDENSATION**
- (71) **KONICA MINOLTA HOLDINGS, INC.** [JP/JP]; 6-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IKENAKA, Kiyono** [JP/JP]; c/o Konika Minolta Opto, Inc., 2970, Ishikawa-machi, Hachioji-shi, Tokyo 192-8505 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **G11B 7/247, C09B 45/20, 45/22, 56/00**
- (11) **WO 2004/088649** (13) A2
- (21) PCT/EP2004/050206
- (22) **25 Feb/fév 2004 (25.02.2004)**
- (25) en (26) en
- (30) 03100908.7 **4 Apr/avr 2003 EP (04.04.2003)**
- (30) 03102687.5 **2 Sep/sep 2003 EP (02.09.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **HIGH-CAPACITY OPTICAL STORAGE MEDIA**
- **SUPPORT D'ENREGISTREMENT OPTIQUE HAUTE CAPACITE**
- (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) **ADAM, Jean-Marie** [FR/FR]; 60 D, rue de Village-Neuf, F-68128 Rosenau (FR). **AESCHLIMANN, Peter** [CH/CH]; Sandweg 16, CH-4123 Allschwil (CH). **BACHER, Jean-Pierre** [FR/FR]; 9, rue des Vergers, F-68220 Buschwiller (FR). **BUDRY, Jean-Luc** [CH/CH]; 52, rue des Oeuches, CH-2842 Rossemaison (CH). **LEHMANN, Urs** [CH/CH]; Unterer Rheinweg 50, CH-4057 Basel (CH). **MORTON, Colin** [GB/CH]; Breisacherstrasse 30, CH-4057 Basel (CH). **SCHMIDHALTER, Beat** [CH/CH]; Dahlenstrasse 25, CH-4416 Bubendorf (CH). **SPAHNI, Heinz** [CH/CH]; Eggstrasse 23, CH-4402 Frenkendorf (CH).
- (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 SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 11/10, 7/12**
- (11) **WO 2004/088650** (13) A1
- (21) PCT/JP2003/004018
- (22) **28 Mar/mar 2003 (28.03.2003)**
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **LIGHT IRRADIATION HEAD AND INFORMATION STORAGE DEVICE**
- **TETE EMETTANT DE LA LUMIERE ET DISPOSITIF DE STOCKAGE D'INFORMATIONS**
- (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) **TAWA, Fumihiro** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **HASEGAWA, Shinya** [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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA 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 SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 17/26**
- (11) **WO 2004/088651** (13) A1
- (21) PCT/JP2004/004668
- (22) **31 Mar/mar 2004 (31.03.2004)**
- (25) ja (26) ja
- (30) 2003-097070 **31 Mar/mar 2003 JP (31.03.2003)**
- (30) 2003-096759 **31 Mar/mar 2003 JP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **DISK DEVICE AND DRIVE UNIT-DRIVING MECHANISM**
- **DISPOSITIF DE DISQUE ET MECANISME D'UNITE DE COMMANDE DE LECTURE**
- (71) **CLARION CO., LTD.** [JP/JP]; 35-2, Hakusan 5-Chome, Bunkyo-ku, Tokyo 1128608 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEKI, Kouji** [JP/JP]; c/o Clarion Co., Ltd., 35-2, Hakusan 5-Chome, Bunkyo-ku, Tokyo 1128608 (JP). **TOKITA, Keiji** [JP/JP]; c/o Clarion Co., Ltd., 35-2, Hakusan 5-Chome, Bunkyo-ku, Tokyo 1128608 (JP). **SUZUKI, Yoshio** [JP/JP]; c/o Clarion Co., Ltd., 35-2, Hakusan 5-Chome, Bunkyo-ku, Tokyo 1128608 (JP).
- (74) **KIUCHI, Mitsuharu**; 5th Floor, Toranomon-Yoshiara Bldg., 6-13, Nishi-Shinbashi 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 SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 17/26**
- (11) **WO 2004/088652** (13) A1
- (21) PCT/JP2004/004677

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-096626 31 Mar/mar 2003 JP
(31.03.2003)(30) 2003-096863 31 Mar/mar 2003 JP
(31.03.2003)(30) 2003-146943 23 May/mai 2003 JP
(23.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISK HOLDER, DISK-POSITIONING
MECHANISM, AND DISK DEVICE

- SUPPORT DE DISQUE, MECANISME
DE POSITIONNEMENT DE DISQUE ET
DISPOSITIF A DISQUE

(71) CLARION CO., LTD. [JP/JP]; 35-2, Haku-
san 5-Chome, Bunkyo-ku, Tokyo 1128608
(JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TOKITA, Keiji [JP/JP]; c/o Clarion Co.,
Ltd., 35-2, Hakusan 5-Chome, Bunkyo-ku,
Tokyo 1128608 (JP). SEKI, Kouji [JP/JP];
c/o Clarion Co., Ltd., 35-2, Hakusan
5-Chome, Bunkyo-ku, Tokyo 1128608 (JP).
TANAKA, Kazuya [JP/JP]; c/o Clarion Co.,
Ltd., 35-2, Hakusan 5-Chome, Bunkyo-ku,
Tokyo 1128608 (JP). SUZUKI, Yoshio
[JP/JP]; c/o Clarion Co., Ltd., 35-2, Hakusan
5-Chome, Bunkyo-ku, Tokyo 1128608 (JP).(74) KIUCHI, Mitsuharu; 5th Floor, Tra-
nomon-Yoshiara Bldg., 6-13, Nishi-Shin-
bashi 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 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)⁷ G11B 17/26

(11) WO 2004/088653 (13) A1

(21) PCT/JP2004/004679

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-097123 31 Mar/mar 2003 JP
(31.03.2003)(30) 2003-096367 31 Mar/mar 2003 JP
(31.03.2003)(30) 2003-096959 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISK DEVICE, DISK-TRANSPORTING
DEVICE, AND DISK-LOADING DE-
VICE

- DISPOSITIF POUR DISQUES, DISPO-
SITIF DE TRANSPORT DE DISQUES
ET DISPOSITIF DE CHARGE DE
DISQUES

(71) CLARION CO., LTD. [JP/JP]; 35-2, Haku-
san 5-Chome, Bunkyo-ku, Tokyo 1128608
(JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TOKITA, Keiji [JP/JP]; c/o Clarion Co.,
Ltd., 35-2, Hakusan 5-Chome, Bunkyo-ku,
Tokyo 1128608 (JP). SEKI, Kouji [JP/JP];
c/o Clarion Co., Ltd., 35-2, Hakusan
5-Chome, Bunkyo-ku, Tokyo 1128608 (JP).
TANAKA, Kazuya [JP/JP]; c/o Clarion Co.,
Ltd., 35-2, Hakusan 5-Chome, Bunkyo-ku,
Tokyo 1128608 (JP). SUZUKI, Yoshio
[JP/JP]; c/o Clarion Co., Ltd., 35-2, Hakusan
5-Chome, Bunkyo-ku, Tokyo 1128608 (JP).(74) KIUCHI, Mitsuharu; 5th Floor, Tra-
nomon-Yoshiara Bldg., 6-13, Nishi-Shin-
bashi 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 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)⁷ G11B 19/02

(11) WO 2004/088654 (13) A1

(21) PCT/KR2003/002036

(22) 2 Oct/oct 2003 (02.10.2003)

(25) en (26) en

(30) 10-2003-0021251 4 Apr/avr 2003 KR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR RESUM-
ING PLAYBACK

- SYSTEME ET PROCEDE DE REPRISE
D'UNE LECTURE

(71) LG ELECTRONICS INC. [KR/KR];
20, Yoido-dong, Youngdungpo-gu, Seoul
150-010 (KR).(72) KIM, Byung Jin; 111-204, Hansol Chungu
APT., 110, Jeongja-dong, Bundang-gu, Sung-
nam, Kyunggi-do 463-010 (KR). KIM, Mi
Hyun; 1-908, Moojigae Apt., Seocho 2-dong,
Seocho-gu, Seoul 137-771 (KR). YOO, Jea
Yong; C-306, Maebong Samsung APT.,
Dogok-dong, Kangnam-gu, Seoul 135-270
(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 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 MDRU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
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)⁷ G11B 19/02

(11) WO 2004/088655 (13) A1

(21) PCT/KR2004/000743

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10-2003-0021251 4 Apr/avr 2003 KR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RECORDING MEDIUM HAVING DATA
STRUCTURE FOR MANAGING TO
RESUME REPRODUCTION OF VIDEO
DATA RECORDED THEREON AND
RECORDING AND REPRODUCING
METHODS AND APPARATUS

- SUPPORT D'ENREGISTREMENT A
STRUCTURE DE DONNEES POUR
GERER LA REPRISE DE LA REPRO-
DUCTION DE DONNEES VIDEO SUR
LEDIT SUPPORT ET PROCEDES ET
APPAREILS D'ENREGISTREMENT ET
DE REPRODUCTION

(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, Mae-
bong Samsung APT., Dogok-dong, Kang-
nam-gu, Seoul 135-270 (KR). KIM, Byung
Jin [KR/KR]; 111-204, Hansol Chungu APT.,
110, Jeongja-dong, Bundang-gu, Sungnam,
Kyunggi-do 463-010 (KR). KIM, Mi Hyun
[—/KR]; 1-908, Moojigae Apt., Seocho
2-dong, Seocho-gu, Seoul 137-771 (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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ G11B 19/12

(11) WO 2004/088656 (13) A1

(21) PCT/IB2004/050336

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) PCT/SG03/00087 2 Apr/avr 2003 SG
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • DISC DRIVE APPARATUS, AND METHOD FOR RECOGNIZING CD AND DVD
- APPAREIL LECTEUR DE DISQUE, ET PROCÉDE POUR RECONNAÎTRE UN CD ET UN DVD

(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) YAK, Aik, S. [SG/SG]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LI, Wen-hua [CN/SG]; 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 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)⁷ G11B 20/00, 27/00, H04N 7/50, G11B 27/034, 27/10, 27/30, 27/036

(11) WO 2004/088657 (13) A1

(21) PCT/EP2004/002996

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03007610.3 2 Apr/avr 2003 EP (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CONTROLLING AN OPTICAL PICK-UP FOR READING DATA STREAMS FOR SIMULTANEOUS REPRODUCTION

- PROCÉDE DE COMMANDE D'UN CAPTEUR OPTIQUE POUR LA LECTURE DE FLOTS DE DONNÉES POUR LA REPRODUCTION SIMULTANÉE

(71) DEUTSCHE THOMSON-BRANDT GMBH [DE/DE]; Hermann-Schwer-Str. 3, 78048 Villingen-Schwenningen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HÖRENTUP, Jobst [DE/DE]; Gabelsbergerstr. 18, 30163 Hannover (DE). ADOLPH, Dirk [DE/DE]; Wallbrink 2, 30952 Ronnenberg (DE). SCHILLER, Harald [DE/DE]; Apfelfgarten 11, 30539 Hannover (DE). OSTERMANN, Ralf [DE/DE]; Oberstr. 17, 30167 Hannover (DE). PETERS, Hartmut [DE/DE]; Ohweg 34, 30890 Barsinghausen (DE).

(74) RITTNER, Karsten; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (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)⁷ G11B 20/00, G06F 17/30, 7/00, 12/00, 3/06

(11) WO 2004/088658 (13) A1

(21) PCT/EP2004/003177

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03007801.8 4 Apr/avr 2003 EP (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL MEDIA PROTECTION DRIVER

- UNITE DE COMMANDE DE PROTECTION DE SUPPORT OPTIQUE

(71) SONY DADC AUSTRIA AG [AT/AT]; Sonystrasse 20, A-5081 Anif (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KURZ, Michael [AT/AT]; Pfaffenbichlweg 11., A-5422 Bad Dürrenberg (AT). WINTER, Andreas [AT/AT]; Stampfergasse 412, A-5541 Altenmarkt (AT).

(74) GÖRZ, Ingo; Hoefer & Partner, Gabriel-Max-Strasse 29, 81545 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)

(51)⁷ G11B 20/10, 27/10

(11) WO 2004/088659 (13) A1

(21) PCT/EP2004/002998

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03007593.1 2 Apr/avr 2003 EP (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR BUFFERING DATA STREAMS READ FROM A STORAGE MEDIUM

- PROCÉDE DE MISE EN TAMPON DE FLOTS DE DONNÉES LUES A PARTIR D'UN SUPPORT DE STOCKAGE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, quai Alphonse le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ADOLPH, Dirk [DE/DE]; Wallbrink 2, 30952 Ronnenberg (DE). SCHILLER, Harald [DE/DE]; Apfelfgarten 11, 30539 Hannover (DE). HÖRENTUP, Jobst [DE/DE]; Gabelsbergerstr. 18, 30163 Hannover (DE). OSTERMANN, Ralf [DE/DE]; Oberstr. 17, 30167 Hannover (DE). PETERS, Hartmut [DE/DE]; Ohweg 34, 30890 Barsinghausen (DE).

(74) RITTNER, Karsten; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (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)⁷ G11B 20/10, 27/10, 27/30

(11) WO 2004/088660 (13) A1

(21) PCT/EP2004/002999

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 03007611.1 2 Apr/avr 2003 EP (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CONTROLLING AN OPTICAL PICK-UP FOR READING DATA STREAMS FOR SIMULTANEOUS REPRODUCTION

- PROCÉDE DE COMMANDE D'UN CAPTEUR OPTIQUE POUR LA LECTURE DE FLOTS DE DONNÉES POUR LA REPRODUCTION SIMULTANÉE

(71) THOMSON LICENSING S.A. [FR/FR]; 46 Quai A. le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADOLPH, Dirk** [DE/DE]; Wallbrink 2, 30952 Ronnenberg (DE). **SCHILLER, Harald** [DE/DE]; Apfelfgarten 11, 30539 Hannover (DE). **HÖRENTROP, Jobst** [DE/DE]; Gabelsbergerstr. 18, 30163 Hannover (DE). **OSTERMANN, Ralf** [DE/DE]; Oberstr. 17, 30167 Hannover (DE). **PETERS, Hartmut** [DE/DE]; Ohweg 34, 30890 Barsinghausen (DE).

(74) **RITTNER, Karsten**; Deutsche Thomson-Brandt GmbH, European Patent Operations, Karl-Wiechert-Allee 74, 30625 Hannover (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)⁷ **G11B 20/10**

(11) **WO 2004/088661** (13) A1

(21) PCT/KR2004/000369

(22) **24 Feb/fév 2004 (24.02.2004)**

(25) en (26) en

(30) 10-2003-0011521 **24 Feb/fév 2003 (24.02.2003)** KR

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS AND APPARATUS FOR REPRODUCING AND RECORDING STILL PICTURE AND AUDIO DATA AND RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF STILL PICTURE AND AUDIO DATA

• PROCEDES ET APPAREILS PERMETTANT DE REPRODUIRE ET D'ENREGISTRER UNE IMAGE FIXE ET DES DONNEES AUDIO ET SUPPORT D'ENREGISTREMENT A STRUCTURE DE DONNEES PERMETTANT DE GERER LA REPRODUCTION D'UNE IMAGE FIXE ET DE DONNEES AUDIO

(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) **SEO, Kang Soo** [KR/KR]; 606-503, Chowon Hanyang Apt., 897-5, Pyounggan-dong, Dongan-gu, Anyang, Kyunggi-do 431-075 (KR). **KIM, Byung Jin** [KR/KR]; 111-204, Hansol Chungu Apt., 110, Jeongja-dong, Bundang-gu, Sungnam, Kyunggi-do 463-010 (KR).

(74) **PARK, Lae Bong**; 1fl., Dongun Bldg., 413-4, Dogok 2-dong, Kangnam-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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ **G11B 20/10**

(11) **WO 2004/088662** (13) A1

(21) PCT/KR2004/000733

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 10-2003-0019965 **31 Mar/mar 2003 (31.03.2003)** KR

(30) 10-2003-0061310 **3 Sep/sep 2003 (03.09.2003)** KR

(30) 10-2003-0061566 **3 Sep/sep 2003 (03.09.2003)** KR

(30) 10-2003-0061565 **3 Sep/sep 2003 (03.09.2003)** KR

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS FOR USE WITH INFORMATION STORAGE MEDIUM CONTAINING ENHANCED AV (ENAV) BUFFER CONFIGURATION INFORMATION, REPRODUCING METHOD THEREOF AND METHOD FOR MANAGING THE BUFFER

• APPAREIL DESTINE A ETRE UTILISE AVEC UN SUPPORT DE STOCKAGE D'INFORMATIONS CONTENANT DES INFORMATIONS DE CONFIGURATION DE TAMPON ENAV, PROCEDE DE REPRODUCTION ASSOCIE ET PROCEDE DE GESTION DE TAMPON

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).

(72) **CHUNG, Hyun-Kwon**; (302) 569 Shinsa-dong, Gangnam-gu, Seoul 135-120 (KR). **PARK, Sung-Wook**; 4-1103 Mapo Hyundai Apt., 188-108, Gongdeok 2-dong, Mapo-gu, Seoul 121-022 (KR).

(74) **LEE, Young-Pil**; The Cheonghwa Building, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G11B 27/00**

(11) **WO 2004/088663** (13) A2

(21) PCT/GB2004/001468

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 60/460,649 **4 Apr/avr 2003 (04.04.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEDIA PROCESSOR
• PROCESSEUR DE MEDIA

(71) **BBC TECHNOLOGY HOLDINGS LIMITED** [GB/GB]; Broadcasting House, Portland Place, London W1A 1AA (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MURRAY, Stuart** [GB/GB]; c/o BBC Technology Limited, Stadium House, London W12 7TA (GB).

(74) **KAZI, Ilya 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G11B 27/00**

(11) **WO 2004/088664** (13) A2

(21) PCT/GB2004/001493

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 60/460,649 **4 Apr/avr 2003 (04.04.2003)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR MEDIA MANAGEMENT

• SYSTEME ET PROCEDE DE GESTION DE MULTIMEDIA

(71) **BBC TECHNOLOGY HOLDINGS LIMITED** [GB/GB]; Broadcasting House, Portland Place, London W1A 1AA (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BETTRIDGE, Robin** [GB/GB]; British Broadcasting Corporation, Broadcasting House, London W1A 1AA (GB). **ANDREWES, Simon** [GB/GB]; British Broadcasting Corporation, Broadcasting House, London W1A 1AA (GB). **MURRAY, Stuart** [GB/GB]; c/o BBC Technology Limited, Stadium House, London W12 7TA (GB). **CONWAY, Neville** [GB/GB]; c/o BBC Technology Limited, Stadium House, London W12 7TA (GB). **JONES, Mark** [GB/GB]; British Broadcasting Corporation, Broadcasting House, London W1A 1AA (GB).

(74) **KAZI, Ilya 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ G11B 27/10, 27/00, 20/10

(11) WO 2004/088665 (13) A1

(21) PCT/JP2004/004314

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 60/458,360 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REPRODUCTION DEVICE AND PRO-
GRAM
• DISPOSITIF ET PROGRAMME DE
LECTURE

(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) SHIMIZU, YusukeSHIRAKI, Kenichi

(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)⁷ G11B 27/28, 27/031

(11) WO 2004/088666 (13) A1

(21) PCT/GB2004/001475

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0307847.4 4 Apr/avr 2003 GB
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEDIA IDENTIFICATION
• IDENTIFICATION DE SUPPORTS

(71) SNELL & WILCOX LIMITED [GB/GB];
6 Old Lodge Place, St. Margaret's, Twicken-
ham, Middlesex TW1 1RQ (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DEVLIN, Bruce, Fairbairn [GB/GB]; 4
Ashvale Cottages, Chiddingfold, Surrey GU8
4RD (GB). SCHILLER, Richard [GB/GB];
49 Lime Avenue, Westergate, Chichester,
Hampshire PO20 3UF (GB).

(74) GARRATT, Peter, Douglas; 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 SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ G11C 11/407

(11) WO 2004/088667 (13) A1

(21) PCT/JP2003/004071

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEMICONDUCTOR MEMORY
• MEMOIRE A SEMICONDUCTEURS

(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) YAGISHITA, Yoshimasa [JP/JP]; c/o
FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP).

(74) FURUYA, Fumio; Dai2 Meiho Bldg., 9th
Floor, 19-5, Nishishinjuku 1-chome, Shin-
juku-ku, Tokyo 160-0023 (JP).

(81) CN JP KR US.

(51)⁷ G12B 21/02, 21/06

(11) WO 2004/088668 (13) A2

(21) PCT/EP2004/001882

(22) 25 Feb/fév 2004 (25.02.2004)

(25) de (26) de

(30) 103 14 561.3 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE AND METHOD FOR DETER-
MINING AN ELECTRICAL PROPERTY
OF A SAMPLE
• DISPOSITIF ET PROCÉDE POUR DE-
TERMINER UNE PROPRIÉTÉ ELEC-
TRIQUE D'UN ÉCHANTILLON

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRABOW, Jens-Uwe [DE/DE];
Jenny-Lind-Str.80, 27476 Cuxhaven (DE).
ROGGE, Wolfgang [DE/DE]; Lange Reihe
11, 30952 Ronnenberg (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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G12B 21/06

(11) WO 2004/088669 (13) A1

(21) PCT/EP2004/001878

(22) 25 Feb/fév 2004 (25.02.2004)

(25) de (26) de

(30) 103 14 560.5 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SCANNING PROBE MICROWAVE MI-
CROSCOPE COMPRISING MEANS
FOR DETERMINING THE SAMPLE
DISTANCE

• MICROSCOPE A HYPERFRE-
QUENCES A FORCES ATO-
MIQUES, MUNI D'UN MOYEN
POUR DETERMINER LA DISTANCE
D'ECHANTILLONNAGE

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GRABOW, Jens-Uwe [DE/DE]; Jenny-
Lind-Str.80, 27476 Cuxhaven (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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G21G 4/02

(11) WO 2004/088670 (13) A2

(21) PCT/DE2004/000277

(22) 14 Feb/fév 2004 (14.02.2004)

(25) de (26) de

(30) 103 14 484.6 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DECOUPLER SYSTEM FOR NEUTRON MODERATORS

• SYSTEME DE DECOUPLAGE POUR MODERATEURS DE NEUTRONS

(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) STELZER, Hermann [DE/DE]; Apolloniastrasse 171, 52080 Aachen (DE). CONRAD, Harald [DE/DE]; Tuchbleiche 6, 52428 Jülich (DE). MATZERATH, Theodor [DE/DE]; Kommert 4, 52441 Linnich (DE). SOUKHANOV, Vladislav [RU/RU]; ul. Pontekorvo, 18 kv 115, 141980 Dubna Moscow region (RU).

(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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B 1/06, H01M 8/02, 14/00, 10/40, C08L 101/00, H01G 9/035

(11) WO 2004/088671 (13) A1

(21) PCT/JP2004/003447

(22) 15 Mar/mar 2004 (15.03.2004)

(25) ja (26) ja

(30) 2003-129589 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOSITE POLYMER ELECTROLYTE COMPOSITION

• COMPOSITION ELECTROLYTIQUE POLYMERES COMPOSITE

(71) TREKION CO., LTD. [JP/JP]; 5-2-1, Aoyama, Otsu-shi, Shiga, 5202101 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OGATA, Naoya [JP/JP]; 6-29-6, Asagayakita, Suginami-ku, Tokyo, 1660001 (JP). KAGAWA, Hiroshi [JP/JP]; 31-10, Yodonoharamachi, Takatsuki-shi, Osaka, 5690001 (JP). SADA, Makiko [JP/JP]; 5-2-1, Aoyama, Otsu-shi, Shiga, 5202101 (JP).

(74) AKAOKA, Michio et al. / etc.; Koei Bldg., 1-13, Awajimachi 2-chome, Chuo-ku, Osaka-shi, Osaka, 5410047 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B 1/12, C08G 61/12

(11) WO 2004/088672 (13) A1

(21) PCT/EP2004/002951

(22) 20 Mar/mar 2004 (20.03.2004)

(25) de (26) de

(30) 10314978.3 2 Apr/avr 2003 DE
(02.04.2003)(30) 10324534.0 28 May/mai 2003 DE
(28.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SPECIFIC OXIDATION AGENTS FOR PRODUCING CONDUCTIVE POLYMERS

• AGENT D'OXYDATION SPECIAL DESTINE A LA PRODUCTION DE POLYMERES CONDUCTEURS

(71) H. C. STARCK GMBH [DE/DE]; Im Schleeke 78-91, 38642 Goslar (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERKER, Udo [DE/DE]; Eumeniusstr. 1, 50679 Köln (DE). KIRCHMEYER, Stephan [DE/DE]; Ernst-Ludwig-Kirchner-Str. 45, 51375 Leverkusen (DE). WUS-SOW, Klaus [DE/DE]; Oberlinweg 8, 57250 Netphen (DE).

(74) ZOBEL, Manfred; c/o Bayer Chemicals AG, 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)⁷ H01B 1/12, B01D 71/68

(11) WO 2004/088673 (13) A1

(21) PCT/GB2004/001375

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307606.4 2 Apr/avr 2003 GB
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ION-CONDUCTING POLYMERIC MATERIALS

• MATERIAUX POLYMERIQUES CONDUCTEURS D'IONS

(71) VICTREX MANUFACTURING LIMITED [GB/GB]; Victrex Technology Centre, Hillhouse International, Thornton Cleveleys, Lancashire, FY5 4QD (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOCKLEY, John, Edward [GB/GB]; 1st Floor Flat, 10 Rosssymoyne Road, Lancaster KA1 4SN (GB). WILSON, Brian [GB/GB]; 1 White Lea, Cabus, Garstang, Lancashire PR3 1JG (GB).

(74) NEILL, Alastair, William 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)⁷ H01B 1/20, 1/22, 1/24, C08L 23/08, 23/10, 67/00, 69/00, C08K 3/04, 3/00, 3/10, 7/06

(11) WO 2004/088674 (13) A1

(21) PCT/US2004/009075

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,943 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POWER CABLE COMPOSITIONS FOR STRIPPABLE ADHESION

• COMPOSITIONS POUR CABLE D'ALIMENTATION POUR ADHESIF PELABLE

(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) PERSON, Timothy, J. [US/US]; 32 Helen Avenue, Freehold, NJ 07728 (US). KLIER, John [US/US]; 46 Millers Grove, Belle Mead, NJ 07728 (US). SHUROT, Salvatore, F. [US/US]; 189 Stillhouse Road, Freehold, NJ 07728 (US).

(74) HANSBRO, Kevin, R.; 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).

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(51)⁷ H01B 1/22, H01G 4/12

(11) WO 2004/088675 (13) A1

(21) PCT/JP2004/004178

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-095628 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PASTE FOR INTERNAL ELECTRODE
AND PROCESS FOR PRODUCING
ELECTRONIC PART

• COLLE POUR ELECTRODE INTERNE
ET PROCEDE DE PRODUCTION DE
PARTIE ELECTRONIQUE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Ni-
honbashi, Chuo-ku, Tokyo 103-8272 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAKAMURA, Tomoko [JP/JP]; c/o
TDK Corporation, 1-13-1, Nihonbashi,
Chuo-ku, Tokyo 103-8272 (JP). SATOU,
Shigeki [JP/JP]; c/o TDK Corporation,
1-13-1, Nihonbashi, Chuo-ku, Tokyo
103-8272 (JP).

(74) MAEDA, Hitoshi et al. / etc.; Maeda &
Nishide, 2F, Kiriya Bldg., 1-1, Saru-
gaku-cho 2-chome, Chiyoda-ku, Tokyo
101-0064 (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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01B 7/295, 3/12

(11) WO 2004/088676 (13) A1

(21) PCT/AU2004/000410

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003901872 31 Mar/mar 2003 AU
(31.03.2003)

(30) 2003905779 21 Oct/oct 2003 AU
(21.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CABLE AND ARTICLE DESIGN FOR
FIRE PERFORMANCE

• CONCEPTION DE CABLE ET
D'ARTICLE PRESENTANT UN BOND
COMPORTEMENT AU FEU

(71) POLYMERS AUSTRALIA PTY LTD
[AU/AU]; 32 Business Park Drive, Notting
Hill, Victoria 3168 (AU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ALEXANDER, Graeme [AU/AU];
2/1 Daff Avenue, Hampton East, Victoria
3188 (AU). CHENG, Yi-Bing [AU/AU];
639 Highbury Road, East Burwood, Victo-
ria 3151 (AU). BURFORD, Robert, Paul
[AU/AU]; 107 Prospect Road, Summer Hill,
New South Wales 2130 (AU). MANSOURI,
Jaleh [AU/AU]; 437/83-93 Dalmeny Ave-
nue, Rosebery, New South Wales 2018
(AU). WOOD, Christopher [AU/AU];
46a Barkley Street, Ringwood, Victoria
3134 (AU). BARBER, Kenneth Willis
[AU/AU]; "Istana Park", Cherry Swamp
Road, Little River, Victoria 3211 (AU).
RODRIGO, Pulahinge Don Dayananda
[AU/AU]; 9 Murillo Court, Doncaster, Victo-
ria 3108 (AU). IVANOV, Ivan [AU/AU];
10/2 Wingate Avenue, Ascot Vale, Victoria
3032 (AU).

(74) FREEHILLS CARTER SMITH BEA-
DLE; Level 43, 101 Collins Street, Mel-
bourne, 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)⁷ H01B 12/06

(11) WO 2004/088677 (13) A1

(21) PCT/JP2004/004587

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-094792 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METAL BASE PLATE FOR OXIDE
SUPERCONDUCTIVE WIRE ROD, OX-
IDE SUPERCONDUCTIVE WIRE ROD
AND PROCESS FOR PRODUCING THE
SAME

• PLAQUE DE BASE METALLIQUE
POUR TIGE DE FIL METALLIQUE A
OXYDE SUPRACONDUCTEUR, TIGE
DE FIL METALLIQUE A OXYDE SU-
PRACONDUCTEUR ET PROCEDE DE
PRODUCTION DE LADITE TIGE

(71) THE FURUKAWA ELECTRIC CO.,
LTD. [JP/JP]; 6-1, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 1008322 (JP). INTER-
NATIONAL SUPERCONDUCTIVITY
TECHNOLOGY CENTER THE JU-
RIDICAL FOUNDATION [JP/JP]; 5-34-3,
Shinbashi, Minato-ku, Tokyo 1050004 (JP).

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)

(71) ISHIKAWAJIMA-HARIMA HEAVY
INDUSTRIES CO., LTD. [JP/JP]; 2-1,
Otemachi 2-chome, Chiyoda-ku, Tokyo
1008182 (JP).

(only for / seulement pour JP)

(71) THE KANSAI ELECTRIC POWER CO.,
INC. [JP/JP]; 3-22, Nakanoshima 3-chome,
Kita-ku, Osaka-shi, Osaka 5308270 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MAEDA, Toshihiko [JP/JP]IZUMI,
Toru [JP/JP]HASEGAWA, Katsuya
[JP/JP]ASADA, Shigenobu [JP/JP]IZUMI,
Teruo [JP/JP]SHIOHARA, Yuh [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)⁷ H01B 13/00, 1/06, H01M 8/02, 8/10

(11) WO 2004/088678 (13) A1

(21) PCT/JP2004/004068

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-090840 28 Mar/mar 2003 JP
(28.03.2003)

(30) 2003-090841 28 Mar/mar 2003 JP
(28.03.2003)

(30) 2003-157052 2 Jun/juin 2003 JP
(02.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONTINUOUS PROCESS FOR PRO-
DUCING POLYMER ELECTROLYTE
MEMBRANE AND APPARATUS
THEREFOR

• APPAREIL ET PROCEDE CONTINU DE
PRODUCTION D'UNE MEMBRANE
D'ELECTROLYTE POLYMERE

(71) SUMITOMO CHEMICAL COMPANY,
LIMITED [JP/JP]; 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 5418550 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NODONO, Mitsunori [JP/JP]; 2-13-10-
406, Amakubo, Tsukuba-shi, Ibaraki 3050005
(JP).

(74) ENOMOTO, Masayuki et al. / etc.; c/o
Sumitomo Chemical Intellectual Property
Service, Limited, 5-33, Kitahama 4-chome,
Chuo-ku, Osaka-shi, Osaka 5418550 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ H01F

(11) WO 2004/088679 (13) A2

(21) PCT/EP2004/003448

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 15 719.0 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AIR DE-HUMIDIFIER FOR OIL-INSULATED TRANSFORMERS, CHOKE COILS AND STEP SWITCHES

• DESHUMIDIFICATEUR D'AIR DESTINE A DES TRANSFORMATEURS ISOLES A L'HUILE, BOBINE DE REACTANCE ET COMMUTATEUR A GRADINS

(71) MASCHINENFABRIK REINHAUSEN GMBH [DE/DE]; Falkensteinstrasse 8, 93059 Regensburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EICHERT, Manfred [DE/DE]; Habichtsweg 8, 93180 Deuerling (DE). KUGLER, Kurt [DE/DE]; Kellerweg 12, 93138 Hainsacker (DE). VIERECK, Karsten [DE/DE]; Haslerzellweg 7, 93128 Regenstauf (DE). BRILL, Rainer [DE/DE]; Waldstrasse 8, 63667 Nidda (DE).

(74) MASCHINENFABRIK REINHAUSEN GMBH; Patentbüro, Falkensteinstrasse 8, 93059 Regensburg (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)⁷ H01F 1/00

(11) WO 2004/088680 (13) A2

(21) PCT/JP2004/004358

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 2003-096744 31 Mar/mar 2003 JP (31.03.2003)

(30) 2003-384456 14 Nov/nov 2003 JP (14.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A MG-BASED FERRITE, AN ELECTROPHOTOGRAPHIC DEVELOPMENT CARRIER CONTAINING THE FERRITE, AND A DEVELOPER CONTAINING THE CARRIER

• FERRITE A BASE DE MG, VEHICULE DE DEVELOPPEMENT ELECTROPHOTOGRAPHIQUE CONTENANT CETTE FERRITE ET REVELATEUR CONTENANT CE VEHICULE

(71) KANTO DENKA KOGYO CO. LTD. [JP/JP]; 2-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 1000005 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IINUMA, Hidehiko [JP/JP]; c/o Metarials for Recording Media Lab., Kanto Denka Kogyo Co., Ltd., 425, Kanai, Shibukawa-shi, Gunma 3370027 (JP). HARA, Kenkichi [JP/JP]; c/o Shibukawa Laboratory, Kanto Denka Kogyo Co., Ltd., 1497, Shibukawa-shi, Gunma 3778513 (JP). HAYASHI, Masatomo [JP/JP]; c/o Metarials for Recording Media Lab., Kanto Denka Kogyo Co., Ltd., 425, Kanai, Shibukawa-shi, Gunma 3370027 (JP).

(74) OKIMOTO, Kazuaki; Yuasa and Hara, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 1000004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01F 1/147

(11) WO 2004/088681 (13) A2

(21) PCT/EP2004/003485

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 15 061.7 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MAGNET CORE, METHOD FOR THE PRODUCTION OF SUCH A MAGNET CORE, USES OF SUCH A MAGNET CORE ESPECIALLY IN CURRENT TRANSFORMERS AND CURRENT-COMPENSATED INDUCTORS, AND ALLOYS AND BANDS USED FOR PRODUCING SUCH A MAGNET CORE

• NOYAU MAGNETIQUE, PROCEDE DE REALISATION ASSOCIE, UTILISATION D'UN NOYAU MAGNETIQUE

DE CE TYPE NOTAMMENT DANS DES TRANSFORMATEURS DE COURANT ET DANS DES BOBINES DE CHOC A COMPENSATION DE COURANT, ALLIAGES ET BANDES POUR REALISER UN TEL NOYAU MAGNETIQUE

(71) VACUUMSCHMELZE GMBH & CO. KG [DE/DE]; Grüner Weg 37, 63450 Hanau (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HERZER, Giselher [DE/DE]; Röntgen Strasse 11, 63486 Bruchköbel (DE). OTTE, Detlef [DE/DE]; Wiesenweg 8, 63584 Gründau (DE).

(74) SCHMUCKERMAIER, Bernhard; Westphal, Mussnug & Partner, Mozartstrasse 8, 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).

(51)⁷ H01F 38/18

(11) WO 2004/088682 (13) A1

(21) PCT/IN2003/000130

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A DEVICE USEFUL FOR SIGNAL TRANSFER FROM STATIC SURFACE TO ROTATING SURFACE AND VICE-VERSA

• DISPOSITIF UTILE POUR LE TRANSFERT DU SIGNAL ENTRE UNE SURFACE STATIQUE ET UNE SURFACE EN ROTATION ET INVERSEMENT

(71) COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH [IN/IN]; Rafi Marg, New Delhi 110 001 (IN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AHLUWALIA, S., S. [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). VERMA, S. [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN). TANEJA, R., S. [IN/IN]; Central Scientific Instrument Organization, Sector 30-C, Chandigarh 160 020 (IN).

(74) GOPALAN, Deepak, Srinivas; Kumaran & Sagar, 84-C, C6 Lane, Off Central Avenue, Sainik Farms, New Delhi 110 062 (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).

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)⁷ H01F 41/02, 1/04, 7/02

(11) WO 2004/088683 (13) A1

(21) PCT/JP2004/002738

(22) 4 Mar/mar 2004 (04.03.2004)

(25) ja (26) ja

(30) 2003-096866 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • MINUTE HIGH-PERFORMANCE RARE EARTH MAGNET FOR MICROMINI PRODUCT AND PROCESS FOR PRODUCING THE SAME

- AIMANT MINUSCULE HAUTES PERFORMANCES A BASE DE TERRES RARES POUR PRODUIT MICROMINIATURE ET PROCEDE DE PRODUCTION DE CELUI-CI

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, honcho 4-chome, Kawaguchi-shi, Saitama, 3320012 (JP). 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)

(71, 72) MACHIDA, Kenichi [JP/JP]; Room 401, green Hill Higashiminoh 5-tou, 4, aomatani-nishi 1-chome, Minoh-shi Osaka, 5620023 (JP).

(72, 75) SUZUKI, Shunji [JP/JP]; 94, ishiki, fukude-cho, Iwata-gun Shizuoka, 4371216 (JP). SAKAGUCHI, Eiji [JP/JP]; 37-11, maegawara, amarube-cho, Kameoka-shi Kyoto, 6210806 (JP). ISHIGAKI, Naoyuki [JP/JP]; 10-9, inazu 3-chome, Otsu-shi Shiga, 5202271 (JP).

(74) NISHI, Yoshiyuki; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, isogo-ku, Yokohama-shi, Kanagawa, 2350036 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ H01G

(11) WO 2004/088684 (13) A2

(21) PCT/US2004/009920

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,694 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • FLEXIBLE LIQUID-FILLED RADIATION DETECTOR SCINTILLATOR
• SCINTILLATEUR DE DETECTEUR DE RADIATIONS FLEXIBLE ET REMPLI D'UN LIQUIDE

(71) RONAN ENGINEERING CO. [US/US]; 21200 Oxnard Street, Woodlands Hills, CA 91367 (US).

(only for / seulement pour US)

(72, 75) BALDWIN, Charles, E. [US/US]; 2696 Hilltop Court, Florence, KY 41042 (US). CARIS, Craig [US/US]; 365 Sherman-Mt. Zion Road, Dry Ridge, KY 45030 (US).

(74) BRACKETT, Alexander, P. et al. / etc.; Greenebaum Doll & McDonald PLLC, 3500 National City Tower, 101 South Fifth Street, Louisville, KY 40202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01G 4/12, 4/30, 13/00

(11) WO 2004/088685 (13) A1

(21) PCT/JP2004/004729

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-96090 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PRODUCTION METHOD FOR LAMINATED CERAMIC ELECTRONIC COMPONENT
• PROCEDE DE FABRICATION D'UN COMPOSANT ELECTRONIQUE CERAMIQUE STRATIFIE

(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) KARATSU, Masahiro [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).

(51)⁷ H01G 4/12, 4/30

(11) WO 2004/088686 (13) A1

(21) PCT/JP2004/004730

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-96290 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PRODUCTION METHOD FOR LAMINATED CERAMIC ELECTRONIC COMPONENT
• PROCEDE DE FABRICATION D'UN COMPOSANT ELECTRONIQUE CERAMIQUE STRATIFIE

(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) KARATSU, Masahiro [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).

(51)⁷ H01G 4/12, 4/30

(11) WO 2004/088687 (13) A1

(21) PCT/JP2004/004734

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003/96291 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRODUCTION METHOD FOR LAMINATED CERAMIC ELECTRONIC COMPONENT

• PROCEDE DE FABRICATION D'UN COMPOSANT ELECTRONIQUE CERAMIQUE STRATIFIE

(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) KARATSU, Masahiro [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).

(51)⁷ H01G 4/40, 4/255, 2/24, H01F 17/00, 27/00

(11) WO 2004/088688 (13) A1

(21) PCT/JP2004/002595

(22) 3 Mar/mar 2004 (03.03.2004)

(25) ja (26) ja

(30) 2003-094966 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMPOSITE ELECTRONIC COMPONENT

• COMPOSANT ELECTRONIQUE COMPOSITE

(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) KAWAJIRI, Keiji OKIMOTO, Tomohisa KOGA, Eiichi

(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)⁷ H01G 9/02, 9/028

(11) WO 2004/088689 (13) A1

(21) PCT/JP2004/004408

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-094939 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CONDUCTIVE SEPARATOR AND ELECTROLYTIC CAPACITOR INCLUDING THE SAME

• SEPARATEUR CONDUCTEUR ET CONDENSATEUR ELECTROLYTIQUE LE COMPRENANT

(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) NITTA, Yukihiro MATSUURA, Hiroyuki KUSAYANAGI, Hiroki

(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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01G 9/04, 9/045, 9/055

(11) WO 2004/088690 (13) A1

(21) PCT/JP2003/015199

(22) 27 Nov/nov 2003 (27.11.2003)

(25) ja (26) ja

(30) 2003-92983 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FOIL FOR NEGATIVE ELECTRODE OF CAPACITOR AND PROCESS FOR PRODUCING THE SAME

• FEUILLE DESTINEE A UNE ELECTRODE NEGATIVE D'UN CONDENSATEUR ET PROCEDE DE PRODUCTION DE CELLE-CI

(71) TOYO ALUMINIUM KABUSHIKI KAISHA [JP/JP]; 6-8, Kyutaro-machi 3-Chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RO, Akinori [JP/JP]; c/o TOYO ALUMINIUM KABUSHIKI KAISHA, 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP). ASHITAKA, Zenya [JP/JP]; c/o TOYO ALUMINIUM KABUSHIKI KAISHA, 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP).

(74) KODA, Kazuyuki; 208-B, Yao-minami Garden Terrace, 84-2, Wakabayashi-cho 1-chome, Yao-shi, Osaka 581-0038 (JP).

(81) CN JP 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).

(51)⁷ H01G 13/00, 9/155, 9/10, H01M 2/06

(11) WO 2004/088691 (13) A1

(21) PCT/JP2004/004440

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-091388 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR MANUFACTURING ELECTROCHEMICAL DEVICE

• PROCEDE DE FABRICATION DE DISPOSITIF ELECTROCHIMIQUE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 1038272 (JP).

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(72, 75) TAKAHASHI, Tetsuya [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).

(51)⁷ H01H 3/16, 13/70

(11) WO 2004/088692 (13) A1

(21) PCT/IB2004/001019

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307607.2 2 Apr/avr 2003 GB (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SWITCHING UNIT
• COMMUTATEUR

(71) MELEXIS NV [BE/BE]; Microelectronic Integrated Systems, Rozendaalstraat 12, B-8900 Ieper (BE).
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(72, 75) HILL, Adrian, William [GB/GB]; Kuldana, St. Aubin's Road, St. Helier, Jersey (GB).

(74) HILL, Richard et al. / etc.; Wilson Gunn Skerrett, Charles Street, 148/9 Great Charles Street, Birmingham B3 3HT (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)⁷ H01H 9/00

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(21) PCT/EP2004/001648

(22) 20 Feb/fév 2004 (20.02.2004)

(25) de (26) de

(30) 103 15 206.7 3 Apr/avr 2003 DE (03.04.2003)

(30) 103 15 207.5 3 Apr/avr 2003 DE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTIPOINT SWITCH
• COMBINA TEUR

(71) MASCHINENFABRIK REINHAUSEN GMBH [DE/DE]; Falkensteinstrasse 8, 93059 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOHNAL, Dieter [DE/DE]; Stefan-Zweig-Str. 1, 93138 Lappersdorf (DE).
SCHMIDBAUER, Albert [DE/DE]; Bahnhofstrasse 1, 93426 Roding (DE).

(74) MASCHINENFABRIK REINHAUSEN GMBH; Patentbüro, Falkensteinstrasse 8, 93059 Regensburg (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)⁷ H01H 13/70, 13/06, B29C 45/14

(11) WO 2004/088694 (13) A1

(21) PCT/DK2004/000229

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) PA 2003 00507 3 Apr/avr 2003 DK (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A COVER FOR A PUSH BUTTON SWITCH
• ENVELOPPE POUR INTERRUPTEUR A BOUTON-POUSOIR

(71) DANFOSS DRIVES A/S [DK/DK]; Ulsnæs 1, DK-6300 Graasten (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHMIDT, Steffen, Haslund [DK/DK]; Istedvej 41, DK-6400 Sønderborg (DK).

(74) NISSEN, Georg; c/o Damfoss A/S, Patentabteilung, 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01H 36/00, 1/00

(11) WO 2004/088695 (13) A1

(21) PCT/SE2004/000493

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0300991-7 2 Apr/avr 2003 SE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR MAKING OR BREAKING ELECTRIC CONTACT BETWEEN AT LEAST TWO ELECTRODES

• DISPOSITIF PERMETTANT D'ETABLIR ET DE COUPER LE CONTACT ELECTRIQUE ENTRE AU MOINS DEUX ELECTRODES

(71) ABB RESEARCH LTD. [CH/CH]; Affolternstrasse 52, CH-8050 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISBERG, Peter [SE/SE]; Lindsörsvägen 15, S-725 92 Västerås (SE).
WIKSTRÖM, Tobias [SE/SE]; Drottninggatan 15C, S-724 64 Västerås (SE).
JOHANSSON, Erik [SE/SE]; Lavendelvägen 69, S-722 45 Västerås (SE).
ARNELL, Sylva [SE/SE]; Stadshagsvägen 46, S-724 65 Västerås (SE).

(74) ABB AB; Legal & Compliance/Intellectual Property, Forskargränd 8, S-721 78 VÄSTERÅS (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)⁷ H01H 47/00

(11) WO 2004/088696 (13) A1

(21) PCT/JP2004/004410

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-095045 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RELAY CONTACT WELDING DETECTION METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE DETECTION DE SOUDURE DE CONTACTS DE RELAIS

(71) NEC LAMILION ENERGY LTD. [JP/JP]; 4-1-1, Miyazaki, Miyamae-ku, Kawasaki-shi, Kanagawa, 2168555 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TEZUKA, Kazunari [JP/JP]; c/o NEC Lamilion Energy, Ltd., 4-1-1, Miyazaki, Miyamae-ku, Kawasaki-shi, Kanagawa, 2168555 (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).

(51)⁷ H01H 50/54, 1/20

(11) WO 2004/088697 (13) A1

(21) PCT/EP2004/002618

(22) 12 Mar/mar 2004 (12.03.2004)

(25) de (26) de

(30) 103 15 243.1 3 Apr/avr 2003 DE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTROMECHANICAL SWITCH

• COMMUTATEUR ELECTROMECHANIQUE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WABNER, Alf [DE/DE]; Goethestr. 33, 09648 Mittweida (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)⁷ H01J

(11) WO 2004/088698 (13) A2

(21) PCT/US2004/004190

(22) 12 Feb/fév 2004 (12.02.2004)

(25) en (26) en

(30) 60/446,535 12 Feb/fév 2003 US
(12.02.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN IMPROVED PLASMA LAMP AND METHOD

• LAMPE A PLASMA AMELIOREE ET PROCEDE

(71) ADVANCED LIGHTING TECHNOLOGIES, INC. [US/US]; 32000 Aurora Road, Solon, OH 44139 (US).

(72) SULCS, Juris; 16585 Heatherwood Lane, Chagrin Falls, OH 44023 (US). LAMOURI, Abbas; 599 Deepwoods Drive, Aurora, OH 44202 (US).

(74) ENGLISH, Joseph, D.; 1667 K Street, N.W., Suite 700, Washington, WA 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)⁷ H01J

(11) WO 2004/088699 (13) A2

(21) PCT/US2004/009139

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/396,737 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • UNIVERSAL JOINT YOKE ADAPTER

• ADAPTATEUR POUR ETRIER DE JOINT HOMOCINETIQUE

(71) BIGELOW GROUP [US/US]; 1919 14th Street, Boulder, CO 80302 (US).

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(72, 75) FISHER, Timothy [US/US]; 1408 Steger Road NW, Alexandria, MN 56308 (US). HOFFMAN, Marvin [US/US]; 7917 Co Road 4W SW, Alexandria, MN 56308 (US).

(74) MARSH, Thomas, R.; Marsh Fischmann & Breyfogle LLP, 3151 South Vaughn Way, Suite 411, Aurora, CO 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)⁷ H01J

(11) WO 2004/088700 (13) A2

(21) PCT/US2004/009257

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/400,156 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RF DEVICE WITH THERMO-ELECTRIC COOLER

• DISPOSITIF RF A REFROIDISSEUR THERMOELECTRIQUE

(71) THERMAGE, INC. [US/US]; 4058 Point Eden Way, Hayward, CA 94545 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STERN, Roger, A. [US/US]; 10418 Palo Vista Road, Cupertino, CA 95014 (US). LEVINSON, Mitchell [US/US]; 7924 Spyglass Court, Pleasanton, CA 94588 (US). WEBER, Bryan [US/US]; 2612 Tahoe Drive, Livermore, CA 94550 (US).

(74) DAVIS, Paul; Heller Ehrman White & McAuliffe LLP, 275 Middlefield Road, Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J

(11) WO 2004/088701 (13) A2

(21) PCT/US2004/009346

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/397,490 26 Mar/mar 2003 US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MINIATURE X-RAY TUBE WITH MICRO CATHODE

• TUBE A RAYONS X MINIATURE MUNI D'UNE MICROCATHODE

(71) XOFT MICROTUBE, INC. [US/US]; 49000 Milmont Drive, Fremont, CA 94538 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) LOVOI, Paul, A.; 19152 Dehavilland Drive, Saratoga, CA 95070 (US).

(74) FREIBURGER, Thomas, M.; P.O. BOX 1026, Tiburon, CA 94920 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 1/00

(11) WO 2004/088702 (13) A2

(21) PCT/US2004/009140

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

- (30) 10/396,906 **25 Mar/mar 2003** US
(25.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • IMAGE INTENSIFIER AND ELECTRON MULTIPLIER THEREFOR
- INTENSIFICATEUR D'IMAGE AVEC MULTIPLICATEUR D'ELECTRONS
- (71) ITT MANUFACTURING ENTERPRISES, INC. [US/US]; 1105 North Market Street, Suite 1217, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SMITH, Arlynn, Walter [US/US]; 208 Stonehaven Lane, Blue Ridge, VA 24064 (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 VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H01J 1/304, 23/06, 9/02
- (11) WO 2004/088703 (13) A1
- (21) PCT/JP2004/004245
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) ja (26) ja
- (30) 2003-091804 **28 Mar/mar 2003** JP
(28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • COLD-CATHODE ELECTRON SOURCE, MICROWAVE TUBE USING THIS, AND ITS MANUFACTURING METHOD
- SOURCE D'ELECTRON DU TYPE CATHODE FROIDE, TUBE HYPER-FREQUENCE L'UTILISANT ET PROCEDE DE FABRICATION DE LADITE SOURCE
- (71) SUMITOMO ELECTRIC INDUSTRIES LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku Osaka-shi Osaka, 5410041 (JP).
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- (72, 75) TATSUMI, Natsuo [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo, 6640016 (JP). IMAI, Takahiro [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo, 6640016 (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).
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- (51)⁷ H01J 9/02
- (11) WO 2004/088704 (13) A1
- (21) PCT/KR2000/001361
- (22) 25 Nov/nov 2000 (25.11.2000)
- (25) ko (26) en
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR MANUFACTURING A SHADOW -MASK
- PROCEDE PERMETTANT DE PRODUIRE UN MASQUE PERFORE
- (71) ORION ELECTRIC CO., LTD. [KR/KR]; 165, Gong Dan-dong, Gumi, Kyung Sang Buk Do 730-030 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LEE, Jae, Bok [KR/KR]; 101-403, Cheongkoo-Apartment, Namtong-Dong, Gumi-Si, Kyung Sang Buk Do 730-050 (KR).
- (74) KIM, Young-Chol; Korea Coal Center, 10th floor, 80-6, Susong-Dong, Chongro-Ku, Seoul 110-727 (KR).
- (81) CN JP KR MX US VN.
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- (51)⁶ H01J 11/00, 17/49, 9/02
- (11) WO 2004/088705 (13) A1
- (21) PCT/JP1998/005411
- (22) 1 Dec/déc 1998 (01.12.1998)
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • PLASMA DISPLAY SUBSTRATE, PLASMA DISPLAY AND METHOD OF ITS MANUFACTURE
- SUBSTRAT POUR ECRAN PLASMA, ECRAN PLASMA ET PROCEDE DE FABRICATION ASSOCIE
- (71, 72) IGUCHI, Yuichiro [JP/JP]; 24-8, Ichiryama 1-chome, Otsu-shi, Shiga 520-2153 (JP). DEGUCHI, Yuukichi [JP/JP]; 24-20-208, Asahigaoka 1-chome, Otsu-shi, Shiga 520-0052 (JP). TAKAGI, Michio [JP/JP]; 103 Whitelake, 10-12, Taisho-gun 3-chome, Otsu-shi, Shiga 520-2145 (JP). MASAKI, Takaki [JP/JP]; 43-19, Nango 2-chome, Otsu-shi, Shiga 520-0865 (JP). MIKAMI, Yuko [JP/JP]; 8-201, Wakatake-cho 8-chome, Kusatsu-shi, Shiga 525-0031 (JP).
- (74) TORAY INDUSTRIES, INC.; 2-1, Nihonbashi Muromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP).
- (81) US.

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- (51)⁷ H01J 17/00
- (11) WO 2004/088706 (13) A2
- (21) PCT/GB2004/001357
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 0307505.8 **1 Apr/avr 2003** GB
(01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ULTRAVIOLET LAMP
- LAMPE ULTRAVIOLETTE
- (71) THE UNIVERSITY OF LIVERPOOL [GB/GB]; Senate House, Abercromby Square, Liverpool L69 3BX (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LUCAS, James [GB/GB]; 12 Sunningdale Drive, Blundellsands, Liverpool L23 7XA (GB). AL-SHAMMA'A, Ahmed, Ibrahim [GB/GB]; 3 Broomfield Gardens, Walton, Liverpool L9 3AA (GB).
- (74) W.P. THOMPSON & CO.; Coopers Building, Church Street, Liverpool, L1 3AB (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)⁷ H01J 29/86, C09J 179/08, 201/00, C09K 3/10
- (11) WO 2004/088707 (13) A1
- (21) PCT/JP2004/004631
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja
- (30) 2003-094680 **31 Mar/mar 2003** JP
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • VACUUM ENVELOPE FOR IMAGE DISPLAY AND SEALING MATERIAL FOR IMAGE DISPLAY
- ENVELOPPE SOUS VIDE POUR UN DISPOSITIF D'AFFICHAGE ET MATIERE DE FERMETURE POUR LEDIT DISPOSITIF
- (71) MITSUI CHEMICALS INC. [JP/JP]; 5-2, Higashi-Shimbashi 1-chome, Minato-ku, Tokyo, 1057117 (JP). 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) MIZUTA, Yasushi [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba, 2990265 (JP). YAMAZAKI, Akihiro [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba, 2990265 (JP). KUROKI,

- Yuichi [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa, 2218755 (JP). SUGAWARA, Tsunehiko [JP/JP]; c/o Asahi Glass Company, Limited, 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo, 1008405 (JP). ISHIZEKI, Kenji [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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H01J 37/06
- (11) WO 2004/088708 (13) A2
- (21) PCT/NL2004/000224
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) nl (26) en
- (30) 1023111 4 Apr/avr 2003 NL (04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SYSTEM AND METHOD FOR GENERATING AN ELECTRON BEAM
- SYSTEME ET PROCEDE DE GENERATION D'UN FAISCEAU ELECTRONIQUE
- (71) NEDERLANDS CENTRUM VOOR LASER RESEARCH B.V. [NL/NL]; Drienerlolaan 5, NL-7522 NB Enschede (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MITKO, Sergey, Wasiliewich [RU/NL]; Weegschaalstraat 119, NL-7521 CE Enschede (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01J 37/317, 37/24, 37/304
- (11) WO 2004/088709 (13) A1
- (21) PCT/EP2004/003329
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 03007685.5 3 Apr/avr 2003 EP (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • APPARATUS AND METHOD FOR CONTROLLING THE BEAM CURRENT OF A CHARGED PARTICLE BEAM
- APPAREIL ET PROCEDE DE COMMANDE DU COURANT DE FAISCEAU D'UN FAISCEAU DE PARTICULES CHARGEES
- (71) ICT, INTEGRATED CIRCUIT TESTING GESELLSCHAFT FÜR HALBLEITER-PRÜFTECHNIK MBH [DE/DE]; Ammerthalstrasse 20a, 85551 Heimstetten (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SELLMAYER, Josef [DE/DE]; Spechtweg 34, 85356 Freising (DE).
- (74) ZIMMERMANN, Gerd et al. / etc.; Zimmermann & Partner, Postfach 330 920, 80069 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)⁷ H01J 37/32
- (11) WO 2004/088710 (13) A2
- (21) PCT/DK2004/000240
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) PA 2003 00504 2 Apr/avr 2003 DK (02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND APPARATUS FOR GAS PLASMA TREATMENT WITH CONTROLLED EXTENT OF GAS PLASMA, AND USE THEREOF
- PROCEDE ET APPAREIL DE TRAITEMENT AU PLASMA GAZEUX A LONGUEUR CONTROLEE DE PLASMA GAZEUX ET UTILISATION CORRESPONDANTE
- (71) NKT RESEARCH & INNOVATION A/S [DK/DK]; Blokken 84, DK-3460 Birkerød (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHRISTENSEN, Søren, Flygenring [DK/DK]; Frederiksberg Bredegade 7B, 1. tv.,

- DK-2000 Frederiksberg_C (DK). OVERBY, Bent [DK/DK]; Erdalsvej 50, DK-2600 Glostrup (DK). CARLSEN, René [DK/DK]; Mosefkevej 20, DK-2605 Brøndby (DK). PETERSEN, Steen, Guldager [DK/DK]; Enghavegårdsvej 21, Nørre Herlev, DK-3400 Hillerød (DK). BERENDSEN, Christianus, Wilhelmus, Johannes [NL/DK]; Vermunsgade 22, 2, DK-2100 København Ø (DK).
- (74) HEGNER, Anette, Group IP; NKT Recherche & Innovation A/S, Blokken 84, DK-3460 Birkerød (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)⁷ H01J 37/32
- (11) WO 2004/088711 (13) A2
- (21) PCT/NL2004/000220
- (22) 1 Apr/avr 2004 (01.04.2004)
- (25) nl (26) en
- (30) 1023072 1 Apr/avr 2003 NL (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND SYSTEM FOR GENERATING A PLASMA
- PROCEDE ET SYSTEME PERMETTANT DE GENERER UN PLASMA
- (71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO [NL/NL]; Schoemakerstraat 97, NL-2628 VK Delft (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DE GOEJE, Marius, Pieter [NL/NL]; de Vriesstraat 6, NL-2613 CB Delft (NL). VAN HECK, Gerardus, Titus [NL/NL]; Vaclusepad 13, NL-5627 CS Eindhoven (NL). ZIJP, Johannes, Petrus [NL/NL]; Chaamseweg 11, NL-4851 SM Ulvenhout (NL). CREIJGHTON, Yves, Lodewijk, Maria [NL/NL]; Annastraat 16, NL-2611 VX Delft (NL). VAN MOL, Antonius, Maria, Bernardus [NL/NL]; Sliffertsestraat 299, NL-5657 AN Eindhoven (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J 43/00

(11) WO 2004/088712 (13) A2

(21) PCT/GB2004/001434

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307526.4 1 Apr/avr 2003 GB (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRON MULTIPLIER ARRAY

• ENSEMBLE MULTIPLICATEUR D'ELECTRONS

(71) COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS [GB/GB]; Daresbury Laboratory, Clif Knowledge Transfer, Daresbury, Warrington, Cheshire WA4 4AD (GB).

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(72, 75) STEVENS, Robert [GB/GB]; 46 Prior Hill, Wroughton, Swindon, Wiltshire SN4 0RW (GB). GRAY, Geoffrey, Howard [GB/GB]; Bagatelle, 3 Spray Lane, Southend, Bright Walton, Newbury, Berkshire RG20 7BE (GB).

(74) PERKINS, Sarah et al. / etc.; Stevens, Hewlett & Perkins, Halton House, 20/23 Holborn, London, Greater London EC1N 2JD (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01K

(11) WO 2004/088713 (13) A2

(21) PCT/EP2004/003476

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 15 260.1 3 Apr/avr 2003 DE (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADIATOR MODULE

• MODULE DE RAYONNEMENT

(71) ADVANCED PHOTONICS TECHNOLOGIES AG [DE/DE]; Bruckmühler Strasse 27, 83052 Bruckmühl (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GESELL, Günther [DE/DE]; Erlenweg 17, 83071 Stephanskirchen (DE). BERGE, Torsten [DE/DE]; Solarlindenstrasse 48a, 81827 München (DE). WIRTH, Rolf [DE/DE]; Julius-Von-Niehammer-Strasse 24b, 83052 Bruckmühl (DE).

(74) HEINZE, Ekkehard et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, 81633 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).

(51)⁷ H01L

(11) WO 2004/088714 (13) A2

(21) PCT/IB2004/000766

(22) 16 Mar/mar 2004 (16.03.2004)

(25) en (26) en

(30) 10/406,612 3 Apr/avr 2003 US (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIRECT VIEW DISPLAY BASED ON LIGHT DIFFRACTION FROM A DEFORMABLE LAYER

• AFFICHEUR À VISUALISATION DIRECTE À DIFFRACTION DE LA LUMIÈRE PAR UNE COUCHE DÉFORMABLE

(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, Texas 75039 (US).

(only for / seulement pour LC)

(72, 75) SCHRADER, Martin [DE/FI]; Ikämiestenkatu 17 A 3, FIN-33710 Tampere (FI). LEVOLA, Tapani [FI/FI]; Hyhkynkatu 7 A 1, FIN-33720 Tampere (FI).

(74) MAGUIRE, Francis, J. et al. / etc.; Ware, Fressola, Van Der Sluys & Adolphson LLP, 755 Main Street, P.O. Box 224, Monroe, Connecticut 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ H01L

(11) WO 2004/088715 (13) A2

(21) PCT/US2004/009086

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,503 28 Mar/mar 2003 US (28.03.2003)

(30) 10/775,872 10 Feb/fév 2004 US (10.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TAPERED STRUCTURE FOR PROVIDING COUPLING BETWEEN EXTERNAL OPTICAL DEVICE AND PLANAR OPTICAL WAVEGUIDE AND METHOD OF FORMING THE SAME

• STRUCTURE TRONCONIQUE DESTINEE A ASSURER LE COUPLAGE ENTRE UN DISPOSITIF OPTIQUE EXTERNE ET UN GUIDE D'ONDE OPTIQUE PLANAIRE ET PROCEDE DE FORMAGE ASSOCIE

(71) SIOPTICAL, INC. [US/US]; 7540 Windsor Dr., Lower Level, Allentown, PA 18195 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) PATEL, Vipulkumar Kantilal; 607 Falcongate Drive, Monmouth Junction, NJ 08852 (US). GOTHOSKAR, Prakash; 6749 Windermere Court, Allentown, PA 18104 (US). MONTGOMERY, Robert, Keith; 810 Howe Street, Easton, PA 18040 (US). GHIRON, Margaret; 1875 Sherwood Road, Allentown, PA 18103 (US).

(74) KOB, Wendy, W.; PO Box 556, Springtown, 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 all designations / pour toutes les désignations

(51)⁷ H01L

(11) WO 2004/088716 (13) A2

(21) PCT/US2004/009131

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,737 25 Mar/mar 2003 US
(25.03.2003)(30) 10/808,123 24 Mar/mar 2004 US
(24.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ESD SYSTEM FOR GROUNDING
ELECTRONICS WITHIN AN ENCLOSURE

- SYSTEME ESD POUR METTRE UN DISPOSITIF ELECTRONIQUE A LA TERRE A L'INTERIEUR D'UN ELEMENT CLOS

(71) ELMA ELECTRONIC INC. [US/US]; 44350 Grimmer Boulevard, Fremont, CA 94538 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MANGOLD, Urs [CH/US]; 39304 Drake way, Fremont, CA 94538 (US).

(74) MARCUS, Brian, I.; Vierra Magen Marcus Harmon & DeNiro LLP, 685 Market Street, Suite 540, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 2004/088717 (13) A2

(21) PCT/US2004/009164

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,640 25 Mar/mar 2003 US
(25.03.2003)(30) 10/808,049 24 Mar/mar 2004 US
(24.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SUPERJUNCTION DEVICE AND METHOD OF MANUFACTURE THEREFORE

- DISPOSITIF A SUPERJONCTION ET PROCEDE DE FABRICATION

(71) INTERNATIONAL RECTIFIER CORPORATION [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HENSON, Timothy [US/US]; 2003 Gramercy Avenue, Torrance, CA 90501 (US). CAO, Jianjun [US/US]; 4134 Pacific

Coast Highway, #135, Torrance, CA 90505 (US). SPRING, Kyle [US/US]; 32094 Cortecarmona, Temecula, CA 92592 (US).

(74) WEINER, Samuel, H. 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 2004/088718 (13) A2

(21) PCT/US2004/009168

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/402,759 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IN-SITU GAS BLENDING AND DILUTION SYSTEM FOR DELIVERY OF DILUTE GAS AT A PREDETERMINED CONCENTRATION

- SYSTEME DE MELANGE ET DE DILUTION D'UN GAZ SUR PLACE EN VUE DE L'ADMINISTRATION D'UN GAZ DILUE SELON UNE CONCENTRATION PREDETERMINEE

(71) ADVANCED TECHNOLOGY MATERIALS INC. [US/US]; William F. Ryann, 7 Commerce Drive, Danbury, CT 06810 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARNO, Jose, I. [ES/US]; 13 Twilight Lane, Brookfield, CT 06804 (US). DIETZ, James, A. [US/US]; 95 Grand Boulevard, Scarsdale, NY 10583 (US).

(74) RYANN, William, F.; Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) WO 2004/088719 (13) A2

(21) PCT/US2004/009248

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/459,224 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NANOTUBE-ON-GATE FET STRUCTURES AND APPLICATIONS

- NANOTUBE SUR STRUCTURES TEC DE GRILLE ET APPLICATIONS CORRESPONDANTES

(71) NANTERO, INC. [US/US]; 25-D Olympia Avenue, Woburn, MA 01810 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) RUECKES, Thomas [DE/US]; 8 West Hill Place, Boston, MA 02114 (US). SE-GAL, Brent, M. [US/US]; 8 Prospect Avenue #1, Woburn, MA 01801 (US). VOGELI, Bernhard [CH/US]; 76 West Cedar Street, Boston, MA 02114 (US). BROCK, Darren, K. [US/US]; 94 Nob Hill Drive, Elmsford, NY 10523 (US). JAIPRAKASH, Venkatachalam, C. [IN/US]; 3184 Ingersoll Place, Fremont, CA 94538 (US).

(74) DICHARA, Peter, M.; 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)⁷ H01L

(11) WO 2004/088720 (13) A2

(21) PCT/US2004/009292

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/458,920 28 Mar/mar 2003 US
(28.03.2003)(30) 10/, 24 Mar/mar 2004 US
(24.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOOSELY-PACKED TWO-DIMENSIONAL MODULATOR ARRANGEMENT

- SYSTEME DE MODULATEUR BIDIMENSIONNEL EN PAQUET SOUPLE

(71) SILICON LIGHT MACHINES CORPORATION [US/US]; 385 Moffett Park Drive, Suite 115, Sunnyvale, CA 94089 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROXLO, Charles B. [US/US]; 19100 Brook Lane, Saratoga, CA 95070 (US).

AMM, David T [CA/US]; 532 Crawford Avenue, Sunnyvale, CA 94089 (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 all designations / pour toutes les désignations

(51)⁷ H01L

(11) **WO 2004/088721** (13) A2

(21) PCT/US2004/009453

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 10/397,631 **25 Mar/mar 2003** US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTIMIZED MODEL AND PARAMETER SELECTION FOR OPTICAL METROLOGY

• MODELE OPTIMISE ET SELECTION DE PARAMETRES DANS LA METROLOGIE OPTIQUE

(71) **TIMBRE TECHNOLOGIES, INC.** [US/US]; 2953 Bunker Lane, Suite 301, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BALASUBRAMANIAN, Raghu** [US/US]; 1903 Miraplaza Court, #10, Santa Clara, CA 95051 (US). **YEDUR, Sanjay** [IN/US]; 110 Country Brook Loop, San Ramon, CA 94583 (US). **VUONG, VI** [US/US]; 5048 Dunsmuir Common, Fremont, CA 94555 (US). **JAKATDAR, Nickhil** [IN/US]; 425 Rinconada Court, Los Altos, CA 94022 (US).

(74) **YIM, Peter, J.** et al. / etc.; Morrison & Forerster LLP, 425 Market Street, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) **WO 2004/088722** (13) A2

(21) PCT/US2004/009477

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) en (26) en

(30) 10/401,667 **28 Mar/mar 2003** US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRINTED WIRING BOARD, APPARATUS FOR ELECTRICALLY CONNECTING AN ELECTRONIC ELEMENT AND A SUBSTRATE, AND METHOD FOR MANUFACTURING A PRINTED WIRING BOARD

• CARTE A CABLAGE IMPRIME, APPAREIL POUR RELIER ELECTRIQUEMENT UN ELEMENT ELECTRONIQUE ET UN SUBSTRAT ET PROCEDE POUR PRODUIRE UNE CARTE A CABLAGE IMPRIME

(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) **MATSUDA, Yoshinari** [US/US]; 18700 Caminito Pasadero, San Diego, CA 92128 (US).

(74) **MANSFIELD, Heather, L.** 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)⁷ H01L

(11) **WO 2004/088723** (13) A2

(21) PCT/US2004/009655

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 60/459,348 **31 Mar/mar 2003** US (31.03.2003)

(30) 10/772,724 **5 Feb/fév 2004** US (05.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POLYCRYSTALLINE GERMANIUM-BASED WAVEGUIDE DETECTOR INTEGRATED ON A THIN SILICON-ON-INSULATOR (SOI) PLATFORM

• DETECTEUR DE GUIDE D'ONDES A BASE DE GERMANIUM POLYCRISTALLIN INTEGRE SUR UNE PLATE-FORME SILICIUM SUR ISOLANT MINCE

(71) **SIOPTICAL, INC.** [US/US]; 7540 Windsor Drive, Lower Level 1, Allentown, PA 18195 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **GOTHOSKAR, Prakash** [IN/US]; 6749 Windermere Court, Allentown, PA 18104 (US). **GHIRON, Margaret** [US/US]; 1875 Sherwood Road, Allentown, PA 18103 (US). **PATEL, Vipulkumar** [US/US]; 607 Falcongate Drive, Monmouth Junction, NJ 08852 (US). **MONTGOMERY, Robert, Keith** [US/US]; 810 Howe Street, Easton, PA 18040 (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, Springtown, 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)⁷ H01L

(11) **WO 2004/088724** (13) A2

(21) PCT/US2004/009656

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en
(30) 60/459,349 **31 Mar/mar 2003** US
(31.03.2003)

(30) 10/668,947 **23 Sep/sep 2003** US
(23.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PERMANENT LIGHT COUPLING ARRANGEMENT AND METHOD FOR USE WITH THIN SILICON OPTICAL WAVEGUIDES

• DISPOSITIF DE COUPLAGE DE LUMIERE PERMANENT ET PROCEDE D'UTILISATION DANS DES GUIDES D'ONDES OPTIQUES SILICIUM MINCES

(71) **SI OPTICAL, INC** [US/US]; 7540 Windsor Dr., Lower Level, Allentown, PA 18195 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **GHIRON, Margaret** [US/US]; 1875 Sherwood Road, Allentown, PA 18103 (US). **GOTHOSKAR, Prakash** [IN/US]; 6749 Windermere Court, Allentown, PA 18104 (US). **MONTGOMERY, Robert, Keith** [US/US]; 810 Howe Street, Easton, PA 18040 (US). **PATEL, Vipulkumar** [US/US]; 607 Falcongate Drive, Monmouth Junction, NJ 08952 (US). **PATHAK, Soham** [US/US]; 6099 Palomino Drive, Allentown, PA 18106 (US). **SHASTRI, Kalpendu** [US/US]; 5529 Willow Way, Orefield, PA 18069 (US). **YANUSHEFSKI, Katherine, A.** [US/US]; 7487 Stein Road, Zionsville, PA 18092 (US).

(74) **KOBA, Wendy, W.**; P.O. Box 556, Springtown, 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 all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H01L 21/00

(11) **WO 2004/088725** (13) A2

(21) PCT/DE2004/000668

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) de (26) de

(30) 103 14 876.0 **1 Apr/avr 2003** DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR THE MULTI-STAGE PRODUCTION OF DIFFUSION SOLDERED CONNECTIONS FOR POWER COMPONENTS COMPRISING SEMICONDUCTOR CHIPS

• PROCEDE PERMETTANT LA PRODUCTION EN PLUSIEURS ETAPES DE JONCTIONS DE BRASAGE PAR DIFFUSION POUR DES COMPOSANTS DE PUISSANCE A PUCES SEMICONDUCTRICES

(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) **RIEDL, Edmund** [DE/DE]; Uhlandweg 3, 93083 Obertraubling (DE).

(74) **SCHWEIGER, Martin**; c/o Kanzlei Schweiger & Partner, Karl-Theodor-Str. 69, 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00

(11) **WO 2004/088726** (13) A2

(21) PCT/EP2004/003540

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 10/407,587 **4 Apr/avr 2003** US
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METAL- INSULATOR- METAL CAPACITOR TOP PLATE PULL- BACK

• RETRECISSEMENT DE LA PLAQUE SUPERIEURE D'UN CONDENSATEUR METAL-ISOLANT-METAL

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 Munich (DE). **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) **FAYAZ, Fazil, Mohammed** [GB/US]; 291 Manville Road, Apt 2D, Pleasantville, NY 10570 (US). **KERST, Uwe** [DE/DE]; Schubartstrasse 29, 13509 Berlin (DE). **MEZZAPELLE, Joseph** [US/US]; 11 D White Gate Road, Wappingers Falls, NY 12590 (US). **YANG, Haining** [CN/US]; 510 Maloney Road, H-14, Poughkeepsie, NY 12603 (US).

(74) **EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH**; Rüdigerstrasse 55, 80339 Munich (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)⁷ H01L 21/00

(11) **WO 2004/088727** (13) A2

(21) PCT/IB2004/001734

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 60/459,353 **2 Apr/avr 2003** US
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTI-CHIP BALL GRID ARRAY PACKAGE AND METHOD OF MANUFACTURE

• MODULE GRILLE MATRICIEL A BILLES MULTIPUCE ET SON PROCEDE DE FABRICATION

(71) **UNITED TEST AND ASSEMBLY CENTER LTD.** [SG/SG]; 5 Serangoon North Avenue 5, 554916, Singapore (SG). **INFINEON, TECHNOLOGIES** [DE/DE]; Balanstrasse 73, 81541 Munich (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LENG, Chen Fung** [SG/SG]; Blk 475 Sembawang Drive #07-319, 750475 Singapore (SG). **KWANG, Brandon, Kim, Seong** [KR/KR]; Castle Green, Blk 487, #05-13, Yio Chu Kang Road S (KR). **LIM, Cha, Wee** [SG/SG]; 955 Upper Serangoon Road S (SG). **YI-SHENG, Anthony, Sun** [SG/SG]; 19 Fort Road #07-04 S (TW). **HETZEL, Wolfgang** [DE/DE]; Schanzenweg 14, 89564 Nattheim (DE). **THOMAS, Jochen** [DE/DE]; Ottilienstr. 46 A, 81827 Munich (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)⁷ H01L 21/00

(11) **WO 2004/088728** (13) A2

(21) PCT/IB2004/050357

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 03100879.0 **2 Apr/avr 2003** EP
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF MANUFACTURING A FLEXIBLE ELECTRONIC DEVICE AND FLEXIBLE DEVICE

• PROCEDE DE FABRICATION D'UN DISPOSITIF ELECTRONIQUE SOUPLE ET DISPOSITIF SOUPLE AINSI OBTENU

(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) GIESBERS, Jacobus, B. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BEENHAKKERS, Monique, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). RIJPERT, Cornelis, J., H., A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). GELINCK, Gerwin, H. [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).

(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 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)⁷ H01L 21/00

(11) WO 2004/088729 (13) A1

(21) PCT/US2004/008872

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(30) 60/457,326 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CHEMICAL PROCESSING SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE TRAITEMENT CHIMIQUE

(71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).
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(72, 75) LAFLAMME, Arthur, H., Jr. [US/US]; 15 Kittery Avenue, Rowley, MA 01969 (US). WALLACE, Jay [US/US]; 38 Chase Street, Danvers, MA 01923 (US). STRANG, Eric, J. [US/US]; 1081 W. Oriole Way, Chandler, AZ 85248 (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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(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,589 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR MONITORING RF IMPEDANCE TO DETERMINE THE PARAMETERS OF A WAFER ON AN ELECTROSTATIC CHUCK

• PROCEDE ET SYSTEME DE SURVEILLANCE DE L'IMPEDANCE RF AFIN DE DETERMINER LES PARAMETRES D'UNE PLAQUETTE SUR UN SUPPORT ELECTROSTATIQUE

(71) TOKYO ELECTRON LIMITED [JP/JP]; TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).
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(72, 75) MITROVIC, Andrej, S. [YU/US]; 4720 E. Winston Drive, Phoenix, 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)⁷ H01L 21/00

(11) WO 2004/088731 (13) A2

(21) PCT/US2004/009458

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(25) en (26) en

(30) 10/402,315 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS FOR FABRICATING THREE-DIMENSIONAL ALL ORGANIC INTERCONNECT STRUCTURES

• PROCEDES DE FABRICATION DE STRUCTURES D'INTERCONNEXION ORGANIQUES TRIDIMENSIONNELLES

(71) GEORGIA TECH RESEARCH CORPORATION [US/US]; 859 Spring Street, Atlanta, Georgia 30331-0415 (US).
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(72, 75) WHITE, George, E. [US/US]; 2836 Saddlebrook Way, Marietta, Georgia 30064 (US). SWANIMATHAN, Madhavan [IN/US]; 1458 Grovehurst Drive, Marietta, Georgia 30062 (US). DALMIA, Sidharth [IN/US]; 115 N. Clublands Ct., Alpharetta, Georgia 30332 (US). SUNDARAM, Venkatesh [IN/US]; 5362 Medlock Corners Drive, Norcross, Georgia 30092 (US).

(74) GRIFFIN, Malvern, U., III et al. / etc.; Sutherland Asbill & Brennan LLP, 999 Peachtree Street, NE, Atlanta, Georgia 30309-3996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/00, 21/68, C23C 16/458

(11) WO 2004/088732 (13) A1

(21) PCT/US2004/009891

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/402,809 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • GAS-COOLED CLAMP FOR RAPID THERMAL PROCESSING

• BRIDE A REFRROIDISSEMENT PAR GAZ POUR PROCEDES THERMIQUES RAPIDES

(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). CARLSON, Frederick [US/US]; 68 Miller Road, Potsdam, NY 13676 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/JP2004/004514

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-096293 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DUMMY WAFER

• PLAQUETTE FICTIVE

(71) NIPPON OIL CO. LTD. [JP/JP]; 3-12, Nishi Shimbashi 1-chome, Minato-ku, Tokyo, 1058412 (JP).

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(72, 75) UCHIDA, Daisuke [JP/JP]; c/o Nippon Oil Co., Ltd., 3-12, Nishi Shimbashi 1-chome, Minato-ku, Tokyo, 1058412 (JP). KOBAYASHI, Takashi [JP/JP]; c/o Nippon Oil Co., Ltd., 3-12, Nishi Shimbashi 1-chome, Minato-ku, Tokyo, 1058412 (JP). AOYAGI, Kenichi [JP/JP]; c/o Nippon Oil Co., Ltd., 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa, 2310815 (JP). TAKEMURA, Shinichi [JP/JP]; c/o Nippon Oil Co., Ltd., 8, Chidori-cho, Naka-ku, Yokohama-shi, Kanagawa, 2310815 (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).

(51)⁷ H01L 21/028

(11) WO 2004/088734 (13) A1

(21) PCT/JP2004/003152

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-63271 10 Mar/mar 2003 JP (10.03.2003)

(30) 2003-63275 10 Mar/mar 2003 JP (10.03.2003)

(30) 2003-63324 10 Mar/mar 2003 JP (10.03.2003)

(30) 2003-333255 25 Sep/sep 2003 JP (25.09.2003)

(30) 2003-333266 25 Sep/sep 2003 JP (25.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF HEAT TREATMENT AND HEAT TREATMENT APPARATUS

• PROCEDE ET APPAREIL DE TRAITEMENT THERMIQUE

(71) KWANSEI GAKUIN EDUCATIONAL FOUNDATION [JP/JP]; 1-155, Uegahara-ichiban-cho, Nishinomiya-shi, Hyogo 662-8501 (JP). THE NEW INDUSTRY RESEARCH ORGANIZATION [JP/JP]; 1-5-2, Minatojima-minamimachi, Chuo-ku, Kobe-shi, Hyogo 650-0047 (JP). IWASAKI ELECTRIC CO., LTD. [JP/JP]; 3-12-4, Shiba, Minato-ku, Tokyo 105-0014 (JP).

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(72, 75) ASAOKA, Yasushi [JP/JP]; 545-1-301, Kamiizawa, Sanda-shi, Hyogo 669-1316 (JP). KANEKO, Tadaaki [JP/JP]; 3-1-A210, Gakuen, Sanda-shi, Hyogo 669-1337 (JP). SANO, Naokatsu [JP/JP]; 6-7-5, Mukogaoka, Sanda-shi, Hyogo 669-1544 (JP). KAWAI, Hiroshi [JP/JP]; c/o Iwasaki Electric Co., Ltd., 1-20, Fujimi-cho, Gyoda-shi, Saitama 361-0021 (JP). IWAZAKI, Tomohiro [JP/JP]; c/o Iwasaki Electric Co., Ltd., 1-20, Fujimi-cho, Gyoda-shi, Saitama 361-0021 (JP). YAMAGUCHI, Seiji [JP/JP]; c/o Iwasaki Electric Co., Ltd., 1-20, Fujimi-cho, Gyoda-shi, Saitama 361-0021 (JP). MATSUMOTO, Hiroyuki [JP/JP]; c/o Iwasaki Electric Co., Ltd., 1-20, Fujimi-cho, Gyoda-shi, Saitama 361-0021 (JP). KOUNO, Toshiyuki [JP/JP]; c/o Iwasaki Electric Co., Ltd., 1-20, Fujimi-cho, Gyoda-shi, Saitama 361-0021 (JP).

(74) KAJI, Yoshiyuki et al. / etc.; c/o Kaji, Suhara & Associates, Recruit Shin Osaka Bldg., 14-22, 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 NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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; (t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations; (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; (t) for the following designation / pour la désignation suivante : US

(51)⁷ H01L 21/304, B08B 3/04, 7/00, G03F 1/08

(11) WO 2004/088735 (13) A1

(21) PCT/JP2004/004634

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-097092 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CLEANING METHOD, METHOD FOR REMOVING FOREIGN PARTICLE, CLEANING APPARATUS AND CLEANING LIQUID

• PROCEDE DE NETTOYAGE, PROCEDE D'ELIMINATION DE PARTICULES ETRANGERES, APPAREIL DE NETTOYAGE ET LIQUIDE DE NETTOYAGE

(71) HOYA CORPORATION [—/JP]; 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 1618525 (JP).

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(72, 75) TAKUSHIMA, Katsuhiko [JP/JP]; c/o HOYA CORPORATION 7-5, Nakaochiai 2-chome, Shinjuku-ku, Tokyo 1618525 (JP).

(74) ANIYA, Setuo et al. / etc.; 21 TOWA BLDG. 3F 4-6-1, Iidabashi, Chiyoda-ku, Tokyo 1020072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/GB2004/001313

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(25) en (26) en

(30) 10/249,381 3 Apr/avr 2003 US (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTERNALLY REINFORCED BOND PADS

• PLOTS DE CONNEXION RENFORCES INTERIEUREMENT

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, New York 10504 (US).

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(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).

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(72, 75) ANGELL, David [US/US]; 2 Club Way, Poughkeepsie, New York 12603 (US). BEAULIEU, Frederic [CA/CA]; 28 De La Pontederie, Granby, Québec J2H 2J7 (CA). HISADA, Takashi [JP/JP]; Gracy Ritto Celege 1103, Heso 3-8-23, 520-3031 Ritto-cho, Shiga (JP). KELLY, Adreanne [US/US]; 204 Main Street, Poughkeepsie, New York 12601 (US). MCKNIGHT, Samuel [US/US]; 112 Brunswick Road, New Paltz, New York 12561 (US). MIYAI, Hiromitsu [JP/JP]; 6-18-8 Nishikasai, 134-0088 Edogawaku, Tokyo (JP). PE-TRARCA, Kevin, Shawn [US/US]; 28 Laurie Lane, Newburgh, New York 12550 (US). SAUTER, Wolfgang [DE/US]; 170 Valley View Extension, Richmond, Vermont 05477 (US). VOLANT, Richard, Paul [US/US]; 16 Fulton Drive, New Fairfield, Connecticut 06812 (US). WEINSTEIN, Caitlin [US/US]; 540 Memorial Drive, Apt # 407, Cambridge, Massachusetts 02139 (US).

(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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(25) ja (26) ja

(30) 2003-090644 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-090645 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRONIC DEVICE PRODUCING METHOD

• PROCEDE DE PRODUCTION D'UN DISPOSITIF ELECTRONIQUE

(71) NIPPON STEEL CHEMICAL CO. LTD. [JP/JP]; 21-11, Nishi Gotanda 7-chome Shinagawa-ku Tokyo, 1410031 (JP).

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(72, 75) TAKAHASHI, Hiroyuki [JP/JP]; c/o ELECTRONIC MATERIALS RESEARCH & DEVELOPMENT LABORATORIES, NIPPON STEEL CHEMICAL CO., LTD., 1 Tsukiji, Kisarazu-shi Chiba, 2920835 (JP).

(74) HOSHIMIYA, Katsumi; Toukou Building, 10th Floor, 15-7, Shinjuku 5-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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/60

(11) WO 2004/088738 (13) A1

(21) PCT/JP2004/004396

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-096474 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LAMINATE

• LAMINE

(71) NIPPON STEEL CHEMICAL CO., LTD. [JP/JP]; 21-11, Nishi Gotanda 7-chome, Shinagawa-ku, Tokyo 1410031 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOKUDA, Yuichi [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 2920835 (JP). KISHIDA, Katsuya [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 2920835 (JP). MATSUSHITA, Yuji [JP/JP]; c/o Electronic Materials Research & Development Laboratories, Nippon Steel Chemical Co., Ltd., 1, Tsukiji, Kisarazu-shi, Chiba 2920835 (JP).

(74) NARUSE, Katsuo et al. / etc.; 5th Floor, TKK Nishishinbashi Bldg., 11-5, Nishi-shinbashi 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/66

(11) WO 2004/088739 (13) A2

(21) PCT/US2004/008862

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/402,621 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REAL-TIME IN-LINE TESTING OF SEMICONDUCTOR WAFERS

• ESSAI EN LIGNE EN TEMPS REEL DE PLAQUETTES SEMI-CONDUCTRICES

(71) QC SOLUTIONS, INC. [US/US]; 101 Billerica Ave., Bldg. 5, North Billerica, MA 01862 (US).

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(72, 75) TSIDILKOVSKI, Edward [US/US]; 60 Pine Hill Road, Chelmsford, MA 01824 (US). STEEPLES, Kenneth [US/US]; 39 Heritage Road, Billerica, MA 01821 (US).

(74) DEVELLIS, James, C.; 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).

(51)⁷ H01L 21/68, B65G 49/07

(11) WO 2004/088740 (13) A1

(21) PCT/JP2004/003922

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-091796 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WAFER TRANSPORTATION SYSTEM
• SYSTEME DE TRANSPORT DE PLAQUETTES

(71) HIRATA CORPORATION [JP/JP]; 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo, 1420041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAITO, Yasushi [JP/JP]; 1-10-30, Josuihoncho, Kodaira-shi, Tokyo, 1870022 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ H01L 21/68, B65G 49/07

(11) WO 2004/088741 (13) A1

(21) PCT/JP2004/003929

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-091795 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WAFER TRANSPORTATION SYSTEM
• SYSTEME DE TRANSPORT DE PLAQUETTES

(71) HIRATA CORPORATION [JP/JP]; 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo, 1420041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAITO, Yasushi [JP/JP]; 1-10-30, Josuihoncho, Kodaira-shi, Tokyo, 1870022 (JP).

(74) OHTSUKA, Yasunori; 7th FL., SHUWA KIOICHO PARK BLDG., 3-6, Kioicho, Chiyoda-ku, Tokyo, 1020097 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ H01L 21/68, B65G 49/07

(11) WO 2004/088742 (13) A1

(21) PCT/JP2004/003942

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-091794 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WAFER TRANSPORTATION SYSTEM
• SYSTEME DE TRANSPORT DE PLAQUETTES

(71) HIRATA CORPORATION [JP/JP]; 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo, 1420041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAITO, Yasushi, [JP/JP]; 1-10-30, Josuihoncho, Kodaira-shi, Tokyo, 1870022 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ H01L 21/68, B65G 49/07

(11) WO 2004/088743 (13) A1

(21) PCT/JP2004/003958

(22) 23 Mar/mar 2004 (23.03.2004)

(25) ja (26) ja

(30) 2003-091793 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SUBSTRATE TRANSPORTATION SYSTEM
• SYSTEME DE TRANSPORT DE SUBSTRAT

(71) HIRATA CORPORATION [JP/JP]; 9-20, Togoshi 3-chome, Shinagawa-ku, Tokyo 142-0041 (JP).

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(72, 75) NAITO, Yasushi [JP/JP]; 1-10-30, Josuihoncho, Kodaira-shi, Tokyo 187-0022 (JP).

(74) OHTSUKA, Yasunori; 7th FL., Shuwa Kioicho Park Bldg., 3-6, Kioicho, Chiyoda-ku, Tokyo 102-0094 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ H01L 21/68, 21/22, 21/324

(11) WO 2004/088744 (13) A1

(21) PCT/JP2004/004508

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-97365 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SILICON WAFER HEAT TREATMENT JIG, AND SILICON WAFER HEAT TREATMENT METHOD
• SUPPORT POUR LE TRAITEMENT THERMIQUE D'UNE TRANCHE DE SILICIUM ET PROCEDE DE TRAITEMENT THERMIQUE D'UNE TRANCHE DE SILICIUM

(71) SUMITOMO MITSUBISHI SILICON CORPORATION [JP/JP]; 2-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8634 (JP).
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(72, 75) NAKADA, Yoshinobu [JP/JP]; c/o Sumitomo Mitsubishi, Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8634 (JP). SHIRAKI, Hiroyuki [JP/JP]; c/o Sumitomo Mitsubishi, Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8634 (JP). HASEGAWA, Takeshi [JP/JP]; c/o Sumitomo Mitsubishi, Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8634 (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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ

CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H01L 21/768

(11) WO 2004/088745 (13) A1

(21) PCT/JP2003/004049

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEMICONDUCTOR DEVICE

• DISPOSITIF A SEMICONDUCTEUR

(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) WATANABE, Kenichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) TAKAHASHI, Keishiro; TAKAHASHI & KITAYAMA, 4th Fl., Okachimachi Tohsei Bldg., 3-12-1, Taito, Taito-ku, Tokyo 110-0016 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW 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).

(51)⁷ H01L 21/768, 21/288

(11) WO 2004/088746 (13) A2

(21) PCT/US2004/008945

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/402,600 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS TO FORM A PLANARIZED CU INTERCONNECT LAYER USING ELECTROLESS MEMBRANE DEPOSITION

• PROCEDE ET DISPOSITIF PERMETTANT DE FORMER UNE COUCHE D'INTERCONNEXION DE CU APLANIE PAR DEPOT AUTOCATALYTIQUE SUR MEMBRANE

(71) LAM RESEARCH CORPORATION [US/US]; 4650 Cushing Parkway, Fremont, California 94538-6470 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REDEKER, Fred C. [US/US]; 1801 Sioux Drive, Fremont, California 94539 (US). BOYD, John [CA/US]; 8730 Sierra

Vista Road, Atascadero, California 93422 (US).

(74) HAYDEN, Robert et al. / etc.; Carr & Ferrell LLP, 2200 Geng Road, Palo Alto, California 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)⁷ H01L 21/82, 27/04

(11) WO 2004/088747 (13) A1

(21) PCT/JP2004/004490

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-096093 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEMICONDUCTOR DEVICE

• DISPOSITIF A SEMI-CONDUCTEURS

(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) MORI, Hideki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). EJIRI, Hirokazu [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). AZAMI, Kenji [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). OHNO, Terukazu [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP). YOSHITAKE, Nobuyuki [JP/JP]; c/o Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

(74) SATOH, Takahisa; Sohshin International Patent Office, 4-2, Yanagibashi 2-chome, 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)⁷ H01L 23/24, 23/373, 23/498

(11) WO 2004/088748 (13) A1

(21) PCT/CH2004/000204

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 03405223.3 2 Apr/avr 2003 EP (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INSULATED POWER SEMICONDUCTOR MODULE WITH REDUCED PARTIAL DISCHARGE AND MANUFACTURING METHOD

• MODULE SEMI-CONDUCTEUR ISOLE PRESENTANT UNE DECHARGE PARTIELLE LIMITEE ET SON PROCEDE DE FABRICATION

(71) ABB RESEARCH LTD [CH/CH]; Affolternstrasse 52, CH-8050 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAMIDI, Amina [FR/CH]; Zürcherstrasse 20, CH-5400 Baden (CH). KNAPP, Wolfgang [CH/CH]; Tannenweg 24, CH-5600 Lenzburg (CH). MEYSENC, Luc [FR/CH]; Zelgweg 20, CH-5405 Baden-Dättwil (CH). KESER, Helmut [CH/CH]; Römerweg 34, CH-5443 Niederrohrdorf (CH).

(74) ABB SCHWEIZ AG; Intellectual Property (CH-LC/IP), Brown Boveri Strasse 6, CH-5400 Baden (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)⁷ H01L 27/04, G01R 31/28

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(21) PCT/JP2003/004133

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE AND METHOD FOR CONTROLLING SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE

• DISPOSITIF A CIRCUIT INTEGRE A SEMI-CONDUCTEURS ET PROCEDE POUR COMMANDER UN DISPOSITIF A CIRCUIT INTEGRE 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) KATO, Yoshiharu [JP/JP]; c/o FUJITSU VLSI LIMITED, 1844-2, Kozoji-cho 2-chome, Kasugai-shi, Aichi 487-0013 (JP).

(74) YAMANAKA, Ikuo et al. / etc.; Annex 2nd Floor, Nagoya Center Building, 2-22, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

(81) CN JP KR US.

(51)⁷ H01L 27/092, 27/06, 29/786

(11) WO 2004/088750 (13) A1

(21) PCT/JP2004/003208

(22) 11 Mar/mar 2004 (11.03.2004)

(25) ja (26) ja

(30) 2003-095116 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LATERAL BIPOLAR CMOS INTEGRATED CIRCUIT
• CIRCUIT INTEGRE CMOS BIPOLAIRE LATERAL

(71) JURIDICAL FOUNDATION OSAKA INDUSTRIAL PROMOTION ORGANIZATION [JP/JP]; c/o MydomeOsaka 2-5 Honmachibashi, Chuo-ku, Osaka-shi, Osaka 5400029 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AKINO, Toshiro [JP/JP]; c/o School of Biology-Oriented Science and Technology Kinki University 930, Nishi-mitani, Uchita-cho, Naga-gun Wakayama 6496433 (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)⁷ H01L 27/10, 43/08, G11C 11/15

(11) WO 2004/088751 (13) A1

(21) PCT/JP2004/004353

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-92924 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MAGNETIC MEMORY CELL, MAGNETIC MEMORY DEVICE, AND MAGNETIC MEMORY DEVICE MANUFACTURING METHOD

• CELLULE DE MEMOIRE MAGNETIQUE, DISPOSITIF A MEMOIRE MAGNETIQUE ET PROCEDE DE FABRICATION DE DISPOSITIF A MEMOIRE MAGNETIQUE

(71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

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(72, 75) EZAKI, Joichiro [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). KOGA, Keiji [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). KAKINUMA, Yuji [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(74) MITAZAKI, Taiji et al. / etc.; 2F, Oodai Building, 9-5, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 27/105, 43/08, G11C 11/15

(11) WO 2004/088752 (13) A1

(21) PCT/JP2004/004357

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-92841 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MAGNETIC MEMORY DEVICE AND MAGNETIC MEMORY DEVICE WRITE METHOD

• DISPOSITIF A MEMOIRE MAGNETIQUE ET PROCEDE D'ECRITURE POUR DISPOSITIF A MEMOIRE MAGNETIQUE

(71) TDK CORPORATION [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EZAKI, Joichiro [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). KAKINUMA, Yuji [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP). KOGA, Keiji [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi

1-chome, Chuo-ku, Tokyo 103-8272 (JP). SUMITA, Shigekazu [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(74) MITAZAKI, Taiji et al. / etc.; 2F, Oodai Building, 9-5, 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 27/105, 43/08

(11) WO 2004/088753 (13) A1

(21) PCT/JP2004/004512

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-095600 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TUNNEL TRANSISTOR HAVING SPIN-DEPENDENT TRANSFER CHARACTERISTIC AND NONVOLATILE MEMORY USING SAME

• TRANSISTOR A EFFET TUNNEL DOTE D'UNE CARACTERISTIQUE DE TRANSFERT DEPENDANT DU SPIN ET MEMOIRE NON VOLATILE UTILISANT LEDIT TRANSISTOR

(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) SUGAHARA, Satoshi [JP/JP]; 21-1-603, Honmokuhara, Naka-ku, Yokohama-shi Kanagawa, 2310821 (JP). TANAKA, Masaaki [JP/JP]; 647-6-201, Inumakata, Midori-ku, Saitama-shi Saitama, 3360921 (JP).

(74) HIRAKI, Yusuke et al. / etc.; Mori Building Third Floor Toranomon No.5, 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/JP2004/004650

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-096246 31 Mar/mar 2003 JP
(31.03.2003)

(30) 2003-188057 30 Jun/juin 2003 JP
(30.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEMORY CELL, MEMORY USING
THE MEMORY CELL, MEMORY CELL
MANUFACTURING METHOD, AND
MEMORY RECORDING/READING
METHOD

• CELLULE DE MEMOIRE, MEMOIRE
UTILISANT LA CELLULE DE ME-
MOIRE, PROCEDE DE FABRICATION
DE CELLULE DE MEMOIRE, ET PRO-
CEDE D'ENREGISTREMENT/DE LEC-
TURE DE MEMOIRE

(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) MURAKAMI, MotoyoshiGOTOH,
Yasuhiro

(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 JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01L 29/06, 29/861, C30B 29/62

(11) WO 2004/088755 (13) A1

(21) PCT/GB2004/001406

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 60/459,990 4 Apr/avr 2003 US
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NANOWHISKERS WITH PN JUNC-
TIONS AND METHODS OF FABRI-
CATING THEREOF

• NANOWHISKERS POURVUS DE
JONCTIONS PN, ET LEURS PRO-
CEDES DE PRODUCTION

(71) BTG INTERNATIONAL LIMITED
[GB/GB]; 10 Fleet Lane, Limeburner Place,
London EC4M 7SB (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SAMUELSON, Lars, Ivar [SE/SE];
Ynglingagatan 5D, S-217 74 Malmö (SE).
OHLSSON, Björn, Jonas [SE/SE]; Lo-
jtnantsgatan 12b, S-211 50 Malmö (SE).
LEBEBO, Lars-Ake [SE/SE]; Magle Stora
Kyrkogata 8, S-223 50 Lund (SE).

(74) JOHNSON, Terence, Leslie; Marks &
Clerk, Clifford's Inn, Fetter Lane, London
EC4A 1BZ (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)⁷ H01L 29/772

(11) WO 2004/088756 (13) A1

(21) PCT/RU2003/000383

(22) 15 Aug/août 2003 (15.08.2003)

(25) ru (26) ru

(30) 2003109501 1 Apr/avr 2003 RU
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FIELD TRANSISTOR

• TRANSISTOR A EFFET DE CHAMP

(71, 72) CHALY, Viktor Petrovich [RU/RU];
ul. Novoselkovskaya, 17-1, St.Peters-
burg, 197349 (RU). POGORELSKY, Yuri
Vasilievich [RU/RU]; Pulkovskoe shosse,
65-8-7, St.Petersburg, 196140 (RU). ALEX-
EEV, Alexei Nikolaevich [RU/RU]; per.
Sadovy, 4-11, pos. Roschino, Vyborgsky
raion, Leningradskaya obl., 188820 (RU).
KRASOVITSKY, Dmitry Mikhailovich
[RU/RU]; ul. Savushkina, 128-1-216, St.Pe-
tersburg, 197374 (RU). SOKOLOV, Igor
Albertovich [RU/RU]; pr. Entuziastov,
22-1-160, St.Petersburg, 195279 (RU).

(74) SANDIGURSKY, Oleg Lvovich; a/ya 40,
St.Petersburg, 191040 (RU).

(81) AT AU BR CA CH CN CZ DE DK EE ES FI
GB HU IL IN JP KR LT LV NO NZ PH PL
PT RO SE SG SK TN UA US ZA ZM.

(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)⁷ H01L 29/786, 21/336

(11) WO 2004/088757 (13) A1

(21) PCT/JP2003/004048

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SEMICONDUCTOR DEVICE AND
METHOD FOR FABRICATING THE
SAME

• DISPOSITIF A SEMI-CONDUCTEURS
ET PROCEDE DE FABRICATION AS-
SOCIE

(71) FUJITSU LIMITED [JP/JP]; 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
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les États désignés sauf US)

(72, 75) MIMURA, Atsushi [JP/JP]; c/o FU-
JITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP).

(74) TAKAHASHI, Keishiro; TAKAHASHI
& KITAYAMA, 4th Fl., Okachimachi Toh-
sei Bldg., 3-12-1, Taito, Taito-ku, Tokyo
110-0016 (JP).

(81) JP US.

(51)⁷ H01L 31/00

(11) WO 2004/088758 (13) A2

(21) PCT/FR2004/000760

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 03/03913 28 Mar/mar 2003 FR
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND DEVICE FOR ACOUS-
TIC MEASUREMENT OF PHYSICAL
CHARACTERISTICS OF POROUS
ELASTIC MATERIALS

• PROCEDE ET DISPOSITIF DE ME-
SURE ACOUSTIQUE DE CARAC-
TERISTIQUE PHYSIQUE DE MATE-
RIAUX POROELASTIQUE

(71) CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE- CNRS
[FR/FR]; 3, rue Michel Ange, F-75794 Paris
Cedex 16 (FR). UNIVERSITE DU MAINE
(LE MANS) [FR/FR]; Avenue Olivier
Messiaen, F-72085 Le Mans Cedex (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CASTAGNEDE, Bernard [FR/FR];
15bis, rue de Mulhouse, F-72000 Le Mans
(FR). TOURNAT, Vincent [FR/FR]; 32,
rue d'Orléans, F-72000 Le Mans (FR).
MOUSSATOV, Alexei [RU/FR]; 22, rue
des Quatre-Vents, F-72000 Le Mans (FR).
GOUSSEV, Vitali [RU/FR]; 43, rue Coef-
fort, F-72000 Le Mans (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 31/00

(11) WO 2004/088759 (13) A2

(21) PCT/GR2004/000019

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 20030100155 2 Apr/avr 2003 GR (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HYBRID PHOTOVOLTAIC CONCENTRATING SYSTEM WITH CORRECTED TOTAL REFLECTION REFLECTORS FOR EVERY LARGE CONCENTRATING RATIOS

• SYSTEME DE CONCENTRATION PHOTOVOLTAIQUE HYBRIDE A REFLECTEURS DE REFLEXION TOTALE CORRIGES POUR CHAQUE TAUX DE CONCENTRATION IMPORTANT

(71, 72) PAPADOPOULOS, Alexandros [GR/GR]; 15 Herodotou Street, Dionysos, GR-145 76 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 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)⁷ H01L 31/02

(11) WO 2004/088760 (13) A2

(21) PCT/US2004/008789

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/402,505 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LED POWER PACKAGE

• ENSEMBLE DE PUISSANCE DEL

(71) GELCORE LLC [US/US]; 6180 Halle Drive, Valley View, OH 44125-4635 (US).

(72) CHEN, Chen-Lun Hsing; 26101 Country Club Boulevard, North Olmsted, OH 44070 (US). WEAVER, Stanton, Jr.; 119 Hemlock Terrace, Northville, NY 12134 (US). ELIASHEVICH, Ivan; 514 Prospect Street, Maplewood, NJ 07040 (US). LIBON, Sebastien; 95 Horatio Street, Apt.617, NY 10014 (US). ARIK, Mehmet; 1365 Van Antwerp Road, Apt. A-6, Niskayuna NY 12309 (US). SHADDOCK, David; 8 Inverness Drive, Troy, NY 12180 (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 VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 33/00, 25/075

(11) WO 2004/088761 (13) A1

(21) PCT/CH2004/000195

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 584/03 2 Apr/avr 2003 CH (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LIGHT-EMITTING PANEL

• PANNEAU ELECTROLUMINESCENT

(71) LUCEA AG [CH/CH]; c/o Wey & Spiess Treuhand- und Revisionsgesellschaft, ft, Gotthardstrasse 18, CH-6300 Zug (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) STAUFERT, Gerhard [DE/CH]; Schulhausstrasse 8, CH-4800 Zofingen (CH).

(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)⁷ H01L 39/00

(11) WO 2004/088762 (13) A2

(21) PCT/EP2004/007214

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 03354030.3 4 Apr/avr 2003 EP (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MANUFACTURE OF HIGH CRITICAL TEMPERATURE SUPERCONDUCTING PART USING UNIAXIAL PRESSURE DURING OXYGENATION STEP

• FABRICATION DE PIECE SUPRA-CONDUCTRICE A TEMPERATURE CRITIQUE ELEVEE UTILISANT LA PRESSION UNIAXIALE LORS DE L'ETAPE D'OXYGENATION

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). UNIVERSITY OF CINCINNATI [US/US]; 2624 Clifton Avenue, Cincinnati, OH 45202 (US).

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(72, 75) SHI, Donglu [US/US]; 11924 Foxgate Way, Loveland, OH 45140 (US). TOURNIER, Robert [FR/FR]; Larchat, F-38850 Billeu (FR). CHAUD, Xavier [FR/FR]; 62, rue des Alpes, F-38600 Fontaine (FR). ISFORT, Dirk [DE/DE]; Leichtensternstr. 6A, 50937 Koln (DE).

(74) DE BEAUMONT, Michel; 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).

(51)⁷ H01L 43/08, G01R 33/09, G11B 5/39, H01F 10/32

(11) WO 2004/088763 (13) A1

(21) PCT/JP2003/003797

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CPP STRUCTURE MAGNETORESISTANCE EFFECT DEVICE AND HEAD SLIDER

• DISPOSITIF A EFFET MAGNETO-RESISTANT, A STRUCTURE CPP, ET COULISSEAU DE TETE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(72, 75) OSHIMA, Hirotaka [JP/JP]; c/o Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) YAMAZAKI, Kaoru; Suite 403, New Kudan Mansion, 6-13, Kudan-minami 4-chome, Chiyoda-ku, Tokyo 102-0074 (JP).

(81) AE AG AL 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)⁷ H01L 51/00
- (11) WO 2004/088764 (13) A2
- (21) PCT/GB2004/001471
- (22) 2 Apr/avr 2004 (02.04.2004)
- (25) en (26) en
- (30) 0307746.8 3 Apr/avr 2003 GB (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • REMOVING A MATERIAL FROM A SUBSTRATE
- PROCEDE POUR ELIMINER UNE MATIERE D'UN SUBSTRAT
- (71) MICROEMISSIVE DISPLAYS LIMITED [GB/GB]; Scottish Microelectronics Centre, The King's Buildings, West Mains Road, Edinburgh .EH9 3JF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (71) BUCKLEY, Alastair, Robert [GB/GB]; Flat 2F2, 92 Montpelier Park, Edinburgh .EH10 4NG (GB).
(only for / seulement pour US)
- (72, 75) BODAMMER, Georg, Karl, Hermann [DE/GB]; 8b Gordon Terrace, Edinburgh .EH16 5QL (GB). GIEBELER, Carsten [DE/GB]; 14 Clerwood Bank, Edinburgh .EH12 8PZ (GB).
- (74) HANSON, William, Bennett; Bromhead Johnson, Kingsbourne House, 229-231 High Holborn, London . WC1V 7DP (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)⁷ H01L 51/10, 51/40, H05B 33/26
- (11) WO 2004/088765 (13) A1
- (21) PCT/JP2004/004707
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) 2003-096209 31 Mar/mar 2003 JP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ORGANIC THIN FILM TRANSISTOR AND MANUFACTURING METHOD THEREOF

- TRANSISTOR A COUCHES MINCES ORGANIQUE ET SON PROCEDE DE FABRICATION
- (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) KOGANEI, Akio [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko Ohta-ku, Tokyo, 1468501 (JP). MOROTA, Takamitsu [JP/JP]; c/o CANON COMPONENTS KABUSHIKI KAISHA 3461-1, Shichihongi, Kamisato-machi, Kodama-gun, Saitama, 3690306 (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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- Published / Publiée : (c)
- (51)⁷ H01L 51/20, 33/00, 31/00
- (11) WO 2004/088766 (13) A1
- (21) PCT/GB2004/001328
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) en (26) en
- (30) 0307661.9 3 Apr/avr 2003 GB (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • OPTOELECTRONIC DEVICES
- DISPOSITIFS OPTOELECTRONIQUES
- (71) QINETIQ LIMITED [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1E 6PD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SAGE, Ian, Charles [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrew's Road, Room E911, Malvern, Worcestershire WR14 3PS (GB). TUFFIN, Rachel, Patricia [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrew's Road, Room E816, Malvern, Worcestershire WR14 3PS (GB).
- (74) TOCHER, A., J.; QinetiQ Ltd, IP Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (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)⁷ H01L 51/30, 51/10
- (11) WO 2004/088767 (13) A1
- (21) PCT/JP2004/004350
- (22) 26 Mar/mar 2004 (26.03.2004)
- (25) en (26) en
- (30) 2003-096208 31 Mar/mar 2003 JP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • ORGANIC THIN FILM TRANSISTOR
- TRANSISTOR A FILM MINCE ORGANIQUE
- (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) KOGANEI, Akio, [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)⁷ H01M
- (11) WO 2004/088768 (13) A2
- (21) PCT/EP2004/003424
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) MI2003 A 000644 1 Apr/avr 2003 IT (01.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD FOR OPERATING A MEMBRANE ELECTROCHEMICAL GENERATOR
- PROCEDE D'EXPLOITATION D'UN GENERATEUR ELECTROCHIMIQUE A MEMBRANE
- (71) NUVERA FUEL CELLS EUROPE S.R.L. [IT/IT]; Via Bistolfi, 35, I-20134 Milano (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRIFONI, Eduardo** [IT/IT]; Via Donizetti, 5, I-80127 Napoli (IT). **FAITA, Giuseppe** [IT/IT]; Via Rivolta, 15, I-28100 Novara (IT). **FLEBA, Gian Piero** [IT/IT]; Via F. Villa, 6, I-20134 Milano (IT). **LENARDON, Matteo** [IT/IT]; Via Unione, 2, I-22074 Lomazzo (IT). **LIOTTA, Marcello** [IT/IT]; Via della Cooperazione, 117, I-20089 Rozzano (IT). **JACOBO, Rubén, Ornelas** [IT/IT]; Via Gorki, 20, I-20098 San Giuliano Milanese (IT). **RAMUNNI, Enrico** [IT/IT]; Via Jannozzi, 40, I-20097 San Donato Milanese (IT). **TRAINI, Fabio** [IT/IT]; Via Pisani Dossi, 31, I-20134 Milano (IT).

(74) **REITSTÖTTER, KINZEBACH & PARTNER (GBR)**; Sternwartstrasse 4, 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).

(51)⁷ H01M

(11) **WO 2004/088769** (13) A2

(21) PCT/US2004/003750

(22) **9 Feb/fév 2004 (09.02.2004)**

(25) en (26) en

(30) 60/447,500 **19 Feb/fév 2003 US (19.02.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN IMPROVED LITHIUM BATTERY ELECTRODE

• ELECTRODE DE BATTERIE AU LITHIUM AMELIOREE

(71) **PHOENIX INNOVATIONS, INC.** [US/US]; 20 Patterson Road, P.O. Box 550, West Wareham, MA 02576 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORRIS, Robert, Scott** [US/US]; Phoenix Innovations, Inc., 20 Patterson Road, P.O. Box 550, West Wareham, MA 02576 (US). **DIXON, Brian, Gilbert** [US/US]; Phoenix Innovations, Inc., 20 Patterson Road, P.O. Box 550, West Wareham, MA 02576 (US).

(74) **GAUDET, Stephen, J. et al. / etc.**; Perkins, Smith & Cohen, LLP, One Beacon Street, 30th Floor, 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) **WO 2004/088770** (13) A2

(21) PCT/US2004/008816

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 10/401,175 **27 Mar/mar 2003 US (27.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRICAL ENERGY GENERATION SYSTEM

• SYSTEME DE PRODUCTION D'ENERGIE ELECTRIQUE

(71, 72) **GALICH, Thomas, P.** [US/US]; 23011 Moulton Parkway #G5, Laguna Hills, CA 92653 (US).

(74) **STETINA BRUNDA GARRED & BRUCKER**; 75 Enterprise, Suite 250, Aliso Viejo, CA 92656 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M

(11) **WO 2004/088771** (13) A2

(21) PCT/US2004/008845

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en (26) en

(30) 10/400,408 **28 Mar/mar 2003 US (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BATTERY COVER

• COUVERCLE DE BATTERIE

(71) **AUTOZONE, INC.** [US/US]; 123 S. Front Street, Memphis, TN 38103 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **JOHNSON, Scott, Eric**; 8517 Shingle Oaks Drive, Cordova, TN 38018 (US). **EDWARDS, Anthony, C.**; 4662 Molsonwood Drive, Bartlett, TN 38135 (US). **REINAGEL, John, W., Jr.**; 8697 Eagle View Drive, Cordova, TN 38018 (US).

(74) **GOTTS, Lawrence, J. et al. / etc.**; Shaw Pittman LLP, 1650 Tysons Boulevard, McLean, VA 22102-4859 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE

DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01M 2/00

(11) **WO 2004/088772** (13) A2

(21) PCT/US2004/009156

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/320,055 **26 Mar/mar 2003 US (26.03.2003)**

(30) 60/320,062 **27 Mar/mar 2003 US (27.03.2003)**

(30) 60/320,061 **27 Mar/mar 2003 US (27.03.2003)**

(30) 60/320,063 **27 Mar/mar 2003 US (27.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MODULAR FLUID COMPONENTS AND ASSEMBLY

• COMPOSANTS ET MONTAGE MODULAIRES DE DEBIT DE FLUIDE

(71) **SWAGelok COMPANY** [US/US]; 29500 Solon Road, Solon, OH 44139 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EIDSMORE, Paul, G.** [US/US]; 1700 Granite Creek Road, Santa Cruz, CA 95065 (US). **SCHIROKY, Gerhard, H.** [US/US]; 945 West Parkway Blvd., Aurora, OH 44202 (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)⁷ H01M 2/12, 10/04

(11) **WO 2004/088773** (13) A1

(21) PCT/JP1994/001210

(22) 22 Jul/juil 1994 (22.07.1994)

(25) ja (26) ja

(30) 5/202734 22 Jul/juil 1993 JP
(22.07.1993)(30) 6/171802 30 Jun/juin 1994 JP
(30.06.1994)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HERMETICALLY SEALED BATTERY
• BATTERIE HERMETIQUEMENT FER-
MEE(71, 72) MIYAMOTO, Kenichi [JP/JP]; Japan
Storage Battery Co., Ltd., 1, Inobaba-cho,
Nishinosho, Kisshoin, Minami-ku, Ky-
oto-shi, Kyoto 601 (JP). TUKAMOTO,
Hisashi [JP/JP]; c/o Japan Storage Bat-
tery Co., Ltd., 1, Inobaba-cho, Nishinosho,
Kisshoin, Minami-ku, Kyoto-shi, Kyoto
601 (JP). KOJIMA, Tetuzo [JP/JP]; c/o
Japan Storage Battery Co., Ltd., 1, Inob-
aba-cho, Nishinosho, Kisshoin, Minami-ku,
Kyoto-shi, Kyoto 601 (JP). MAKI, Takao
[JP/JP]; c/o Japan Storage Battery Co.,
Ltd., 1, Inobaba-cho, Nishinosho, Kisshoin,
Minami-ku, Kyoto-shi, Kyoto 601 (JP).
KOGURE, Masanori [JP/JP]; c/o Japan
Storage Battery Co., Ltd., 1, Inobaba-cho,
Nishinosho, Kisshoin, Minami-ku, Ky-
oto-shi, Kyoto 601 (JP).(74) HAGINO, Taira et al. / etc.; Eikoh Patent
Office, 28th Floor, ARK Mori Building,
12-32, Akasaka 1-chome, Monato-ku, Tokyo
107 (JP).

(81) US.

Published / Publiée : (e): 21Jan/jan 1997
(21.01.1997), 5595835(51)⁷ H01M 2/16

(11) WO 2004/088774 (13) A1

(21) PCT/JP2004/004616

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-96662 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STORAGE BATTERY-USE SEPARA-
TOR AND STORAGE BATTERY• SEPARATEUR POUR BATTERIE
D'ACCUMULATEURS ET BATTERIE
D'ACCUMULATEURS(71) NIPPON MUKI CO., LTD. [JP/JP]; 2-6-3,
Nihonbashi Hon-cho, Chuo-ku, Tokyo
103-0023 (JP). NIPPON SHEET GLASS
COMPANY, LIMITED [JP/JP]; 1-7, Kaigan
2-chome, Minato-ku, Tokyo 105-8552 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MITANI, Takuo [JP/JP]; 2343, Oaza
Kami-migita, Hofu-shi, Yamaguchi 747-0062
(JP). SUGIYAMA, Shoji [JP/JP]; Room
N-202, Excel Shinnagasawa, 1-36-1, Shin-
nagasawa-cho, Ogaki-shi, Gifu 503-0831
(JP). KAKIZAKI, Yoshinobu [JP/JP];
463-1, Kido-cho, Ogaki-shi, Gifu 503-0973
(JP). SHIMIZU, Makoto [JP/JP]; Room
B-201, Green Forrest, 130-1, Osa, Tarui-cho,
Fuwa-gun, Gifu 503-2121 (JP).(74) SHIMIZU, Yoshihiro et al. / etc.; 3rd
Floor, Yashiro Building, 14-4, Takadanobaba
2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H01M 4/00

(11) WO 2004/088775 (13) A2

(21) PCT/FR2004/000696

(22) 22 Mar/mar 2004 (22.03.2004)

(25) fr (26) fr

(30) 03/03786 27 Mar/mar 2003 FR
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR MAKING A COMPO-
NENT COMPRISING AN ELECTRODE
AND A RIGID JOINT AND RESULTING
COMPONENT• PROCEDE DE FABRICATION D'UN
COMPOSANT COMPORTANT UNE
ELECTRODE ET UN JOINT RIGIDE
ET COMPOSANT OBTENU PAR CE
PROCEDE(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) BLACHOT, Jean-François [FR/FR];
90, le Grand Chemin, F-38210 Vourey (FR).
MARSACQ, Didier [FR/FR]; 12, rue Jean
Prévost, F-38000 Grenoble (FR).(74) HECKE, Gérard et al. / etc.; Cabinet
Hecke, WTC Europole, 5 Place Robert Schu-
man, 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).(51)⁷ H01M 4/58, 4/02, 10/40, C01G 51/00

(11) WO 2004/088776 (13) A1

(21) PCT/JP2004/004603

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-096739 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROCESS FOR PRODUCING POSI-
TIVE-ELECTRODE ACTIVE MATE-
RIAL FOR LITHIUM SECONDARY
CELL• PROCEDE DE PRODUCTION D'UNE
MATIERE ACTIVE D'ELECTRODE PO-
SITIVE POUR PILE SECONDAIRE AU
LITHIUM(71) SEIMI CHEMICAL CO. LTD. [JP/JP];
3-2-10, Chigasaki, Chigasaki-shi, Kanagawa,
2538585 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SUHARA, Manabu [JP/JP]; c/o Seimi
Chemical Co., Ltd., 3-2-10, Chigasaki,
Chigasaki-shi, Kanagawa, 2538585 (JP).
SAITO, Naoshi [JP/JP]; c/o Seimi Chemical
Co., Ltd., 3-2-10, Chigasaki, Chigasaki-shi,
Kanagawa, 2538585 (JP). HORICHI,
Kazushige [JP/JP]; c/o Seimi Chemical
Co., Ltd., 3-2-10, Chigasaki, Chigasaki-shi,
Kanagawa, 2538585 (JP). TATSUMI, Koji
[JP/JP]; c/o Seimi Chemical Co., Ltd.,
3-2-10, Chigasaki, Chigasaki-shi, Kanagawa,
2538585 (JP).(74) SENMYO, Kenji et al. / etc.; Torimoto Ko-
gyo 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)⁷ H01M 4/58, 4/02

(11) WO 2004/088777 (13) A1

(21) PCT/JP2004/004639

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-093501 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SECONDARY BATTERY-USE AN-
ODE ACTIVE MATERIAL, SEC-
ONDARY BATTERY, AND PRODUC-
TION METHOD FOR SECONDARY
BATTERY-USE ANODE ACTIVE MA-
TERIAL• MATIERE ACTIVE POUR ANODE UTI-
LISEE DANS UN ACCUMULATEUR,
ACCUMULATEUR ET PROCEDE DE
PRODUCTION DE LADITE MATIERE
ACTIVE POUR ANODE UTILISEE
DANS UN ACCUMULATEUR(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) NUMATA, Tatsuji [JP/JP]; c/o NEC
Corporation 7-1, Shiba 5-chome Minato-ku

- Tokyo, 1088001 (JP). **TOMIOKA, Yoshitaka** [JP/JP]; c/o NEC Corporation 7-1, Shiba 5-chome Minato-ku Tokyo, 1088001 (JP).
- (74) **HAYAMI, Shinji**; Daikanyama TK Bldg. 1F 2-17-16, Ebisu-Nishi Shibuya-ku Tokyo, 1500021 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01M 8/00**
- (11) **WO 2004/088778** (13) A2
- (21) PCT/GB2004/001401
- (22) **1 Apr/avr 2004 (01.04.2004)**
- (25) en (26) en
- (30) 0307623.9 **2 Apr/avr 2003 GB (02.04.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • POLYMERIC MATERIALS
• MATERIAUX POLYMERES
- (71) **VICTREX MANUFACTURING LIMITED** [GB/GB]; Victrex Technology Centre, Hillhouse International, Thornton Cleveleys, Lancashire FY5 4QD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHARNOCK, Peter** [GB/GB]; 7 Elvaston Road, Carleton, Poulton-Le-Fylde, Lancashire FY6 7TH (GB). **DEVINE, John, Neil** [GB/GB]; 32 Sheringham Way, Poulton Le Fylde, Lancashire FY6 7EE (GB). **WILSON, Brian** [GB/GB]; 1 White Lea, Cabus, Garstang, Lancashire PR3 1JG (GB).
- (74) **NEILL, Alastair, William** 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).
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- (51)⁷ **H01M 8/02, 8/10**
- (11) **WO 2004/088779** (13) A1
- (21) PCT/JP2004/004264
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) ja (26) ja
- (30) 2003-091617 **28 Mar/mar 2003 JP (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SOLID POLYMER FUEL CELL AND ELECTRODE STRUCTURE FOR THE FUEL CELL
• PILE A COMBUSTIBLE A POLYMERES SOLIDE ET STRUCTURE D'ELECTRODE POUR LADITE PILE A COMBUSTIBLE
- (71) **HONDA MOTOR CO., LTD.** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 1078556 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAYAMA, Katsuhiko** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP). **SHINKAI, Hiroshi** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP). **TANAKA, Hiroyuki** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 3510193 (JP).
- (74) **OCHIAI, Takeshi** et al. / etc.; TO Building, 6-3, Taito 2-chome, Taito-ku, Tokyo 1100016 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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)⁷ **H01M 8/02, 4/90, C01G 41/02, B01J 23/30**
- (11) **WO 2004/088780** (13) A1
- (21) PCT/US2004/009019
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 60/320,056 **26 Mar/mar 2003 US (26.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • TUNGSTEN-BASED ELECTROCATALYST AND FUEL CELL CONTAINING SAME
• ELECTROCATALYSEUR A BASE DE TUNGSTENE ET PILE A COMBUSTIBLE CONTENANT LEDIT ELECTROCATALYSEUR
- (71) **OSRAM SYLVANIA INC.** [US/US]; 100 Endicot Street, Danvers, MA 01923 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHRISTIAN, Joel, B.** [US/US]; 37 Third Street, Towanda, Pennsylvania 18848 (US).
- (74) **CASTEL, Benoit**; c/o YOUNG & THOMPSON, 745 South 23rd Street, Suite 200, 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).
-
- Published / Publiée : (c)
- (51)⁷ **H01M 8/04, 8/06, 4/88**
- (11) **WO 2004/088781** (13) A1
- (21) PCT/JP2004/003995
- (22) **19 Mar/mar 2004 (19.03.2004)**
- (25) ja (26) ja
- (30) 2003-096236 **31 Mar/mar 2003 JP (31.03.2003)**
- (30) 2003-096237 **31 Mar/mar 2003 JP (31.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • DIRECT METHANOL TYPE FUEL CELL AND METHOD OF PREVENTING ELUTION OF ITS FUEL POLE, QUALITY CONTROL METHOD AND OPERATION METHOD
• PILE A COMBUSTIBLE DE TYPE METHANOL DIRECT ET METHODE PERMETTANT D'EMPECHER L'ELUTION DE SON POLE DE COMBUSTIBLE, AINSI QUE METHODE DE CONTROLE DE QUALITE ET METHODE DE FONCTIONNEMENT
- (71) **YUASA CORPORATION** [JP/JP]; 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 5691115 (JP).
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- (72, 75) **OKUYAMA, Ryoichi** [JP/JP]; c/o Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 5691115 (JP). **FUJITA, Yukio** [JP/JP]; c/o Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 5691115 (JP). **WATANABE, Tsutomu** [JP/JP]; c/o Yuasa Corporation, 3-21, Kosobe-cho 2-chome, Takatsuki-shi, Osaka 5691115 (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 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)⁷ H01M 8/12, 8/24, B28B 21/52, C04B 35/01

(11) WO 2004/088782 (13) A1

(21) PCT/US2004/009343

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,280 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS OF MANUFACTURE OF
ELECTROLYTE TUBES FOR SOLID
OXIDE DEVICES AND THE DEVICES
OBTAINED THEREFROM

• FABRICATION DE TUBES
D'ELECTROLYTE POUR DISPOSITIFS
A OXYDE SOLIDE ET DISPOSITIFS
AINSI OBTENUS

(71) UNIVERSITY OF CONNECTICUT
[US/US]; 263 Farmington Avenue, Farm-
ington Avenue, Farmington, CT 06030-5355
(US).

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les États désignés sauf US)

(72, 75) SAMMES, Nigel, Mark [GB/US]; 3
Grandstand Drive, Lincoln, RI 02865 (US).
DU, Yanhai [NZ/US]; 201B Baxter Road,
Storrs, CT 06268 (US).

(74) LEAH, M., Reimer; Cantor Colburn LLP,
55 Griffin Road South, Bloomfield, CT 06002
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ H01M 8/24, 8/02, 8/12

(11) WO 2004/088783 (13) A1

(21) PCT/JP2004/004595

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-094513 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR FABRICATING SOLID
OXIDE FUEL CELL MODULE

• PROCÉDÉ DE FABRICATION DE MO-
DULE DE PILES À COMBUSTIBLE À
OXYDES SOLIDES

(71) TOKYO GAS COMPANY LIMITED
[JP/JP]; 5-20, Kaigan 1-chome, Minato-ku,
Tokyo 105-8527 (JP).

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les États désignés sauf US)

(72, 75) MATSUZAKI, Yoshio [JP/JP]; c/o
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Minato-ku, Tokyo 105-8527 (JP). FUJITA,
Kenjiro [JP/JP]; c/o Tokyo Gas Co., Ltd.,
5-20, Kaigan 1-chome, Minato-ku, Tokyo
105-8527 (JP). SAKURAI, Teruhiro [JP/JP];
c/o Tokyo Gas Co., Ltd., 5-20, Kaigan
1-chome, Minato-ku, Tokyo 105-8527 (JP).
OGASAWARA, Kei [JP/JP]; c/o Tokyo Gas
Co., Ltd., 5-20, Kaigan 1-chome, Minato-ku,
Tokyo 105-8527 (JP).

(74) KAMO, Hirokuni; Kamo Patent Office,
Arai Bldg. 3rd Floor, 5-21, Kitasaiwai
2-chome, Nishi-ku, Yokohama-shi, Kana-
gawa-ken 220-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01M 10/50, 2/10

(11) WO 2004/088784 (13) A1

(21) PCT/JP2004/004411

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-094266 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADIATING MEMBER FOR LAMI-
NATED BATTERY AND METHOD OF
MANUFACTURING THE SAME
• ELEMENT RAYONNANT POUR AC-
CUMULATEUR STRATIFIE ET SON
PROCEDE DE FABRICATION

(71) NEC LAMILION ENERGY LTD. [JP/JP];
4-1-1, Miyazaki, Miyamae-ku, Kawasaki-shi,
Kanagawa, 2168555 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KANAI, Takeshi, [JP/JP]; c/o NEC
Lamilion Energy, Ltd., 4-1-1, Miyazaki,
Miyamae-ku, Kawasaki-shi, Kanagawa,
2168555 (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).

(51)⁷ H01P 1/208

(11) WO 2004/088785 (13) A1

(21) PCT/JP2004/002586

(22) 2 Mar/mar 2004 (02.03.2004)

(25) ja (26) ja

(30) 2003-091150 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HIGH FREQUENCY CIRCUIT ELE-
MENT

• ELEMENT DE CIRCUIT A HAUTE
FREQUENCE

(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) ENOKIHARA, Akira

(74) OKUDA, Seiji; Okuda & Associates,
2nd Floor, Kataoka Bldg., 3-6, Uchiawa-
jimachi 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)⁷ H01P 7/06, F16B 39/02, H01P 1/00

(11) WO 2004/088786 (13) A1

(21) PCT/GB2004/001345

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 0307410.1 31 Mar/mar 2003 GB
(31.03.2003)

(30) 03252031.4 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOCKABLE TUNING SCREW
• VIS DE REGLAGE BLOCABLE

(71) EADS ASTRIUM LIMITED [GB/GB];
Gunnels Woods Road, Stevenage, Hertford-
shire SG1 2AS (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) COBB, Gary, Raymond [GB/GB];
EADS Astrium Limited, Anchorage Road,
Portsmouth, Hampshire PO3 5PU (GB).

(74) BAE SYSTEMS PLC; Group IP Depart-
ment, P.O. Box 87, Lancaster House, Farn-
borough Aerospace Centre, Farnborough,
Hampshire GU14 6YU (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)⁷ H01Q

(11) WO 2004/088787 (13) A2

(21) PCT/IL2004/000301

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 155221 3 Apr/avr 2003 IL (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHASED ARRAY ANTENNA FOR IN-DOOR APPLICATION

• ANTENNE RESEAU A COMMANDE DE PHASE POUR APPLICATIONS D'INTERIEUR

(71) WAVEXTEND LTD [IL/IL]; 1 Leshem St., Kiryat Gat, 82000 (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAZIT, Mordechai [IL/IL]; 43/7 Even Shmuel St., Jerusalem, 97234 (IL). WASSER, Shay [IL/IL]; 15 Katzenelson St., Tel Aviv, 64366 (IL). BLAUNSHTEIN, Nathan [IL/IL]; 17/30 Alfassi St., Beer Sheva, 64751 (IL).

(74) DR EYAL BRESSLER TD; POB 45220 Har Hotzvim, 8 Hamarpe St., Jerusalem, 91450 (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)⁷ H01Q

(11) WO 2004/088788 (13) A2

(21) PCT/US2004/008784

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/404,981 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ARRANGEMENTS OF MICROSTRIP ANTENNAS HAVING DIELECTRIC SUBSTRATES INCLUDING META-MATERIALS

• ARRANGEMENTS D'ANTENNE MICRORUBANS POURVUS DE SUBSTRATS DIELECTRIQUES COMPRENANT DES META-MATERIAUX

(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 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01Q 1/24, H04B 1/38, H05K 9/00, A61N 1/16

(11) WO 2004/088789 (13) A1

(21) PCT/DK2004/000236

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) DK03/00219 4 Apr/avr 2003 DK (04.04.2003)

(30) PA 2003 01804 8 Dec/déc 2003 DK (08.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A DEVICE FOR SHIELDING ELECTRONIC UNITS INCLUDING A TRANSMITTING/RECEIVING EQUIPMENT, AND ESPECIALLY FOR SHIELDING MOBILE PHONES

• DISPOSITIF POUR LE BLINDAGE D'UNITES ELECTRONIQUES COMPRENANT UN EQUIPEMENT EMETTEUR/RECEPTEUR ET SPECIALEMENT POUR LE BLINDAGE DE TELEPHONES MOBILES

(71) NEERGAARD, Per, Jan [DK/DK]; Herluf Trolles Gade, 6.3.tv., DK-1052 Copenhagen K (DK).

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(72, 75) MADSEN, Karsten Frank Rye [DK/DK]; Ringkøbingvej 6, DK-4200 Slagelse (DK). ZWEIDORFF, Hannah, B. [DK/DK]; Agervænget 12, DK-4293 Dianalund (DK). BOZZINI, René [CH/CH]; Via Minigera 20, CH-6926 Montagnola (CH).

(74) CHAS.HUDE A/S; H.C. Andersens Boulevard 33, DK-1553 Copenhagen V (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 :

(u) for / pour US only / seulement

(51)⁷ H01Q 1/24, 3/36, H04Q 7/36, H01Q 25/00, 3/40

(11) WO 2004/088790 (13) A1

(21) PCT/GB2004/001297

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307558.7 2 Apr/avr 2003 GB (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHASED ARRAY ANTENNA SYSTEM WITH VARIABLE ELECTRICAL TILT
• SYSTEME D'ANTENNE RESEAU A COMMANDE DE PHASE AVEC INCLINAISON ELECTRIQUE VARIABLE

(71) QUINTEL TECHNOLOGY LIMITED [GB/GB]; Registered Office, 18 Upper Grosvenor Street, London W1K 7PW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASKELL, Philip, Edward [GB/GB]; QinetiQ Limited, Haslar Marine Technology Park, Haslar Road, Gosport, Hants PO12 2AG (GB).

(74) WILLIAMS, A., W., S.; QinetiQ Ltd. IP Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (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)⁷ H01Q 1/24

(11) WO 2004/088791 (13) A1

(21) PCT/IP2003/003917

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADIO APPARATUS
• APPAREIL RADIO(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) WATANABE, Masamichi [JP/JP]; c/o FUJITSU HIGASHI-NIHON DIGITAL TECHNOLOGY LIMITED, 3-1, Nishi 4-chome, Kita 7-jo, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP). KAERIYAMA, Yasushi [JP/JP]; c/o FUJITSU HIGASHI-NIHON DIGITAL TECHNOLOGY LIMITED, 3-1, Nishi 4-chome, Kita 7-jo, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP).

(74) FUJIMOTO, Ryosuke; Fujimoto Patent Office, Tokyo ST Bldg., 9th Fl., 9-4, Hatchobori 4-chome, Chuo-ku, Tokyo 104-0032 (JP).

(81) JP US.

(51)⁷ H01Q 1/32

(11) WO 2004/088792 (13) A1

(21) PCT/US2004/009403

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/406,402 3 Apr/avr 2003 US
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VEHICLE REARVIEW ASSEMBLY INCORPORATING A TRI-BAND ANTENNA MODULE

• ENSEMBLE RETROVISEUR DE VEHICULE COMPRENANT UN MODULE ANTENNE TRIBANDE

(71) GENTEX CORPORATION [US/US]; 600 North Centennial Street, Zeeland, MI 49464 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TURNBULL, Robert, R. [US/US]; 3950 Vermae Drive, Holland, MI 49424 (US).

(74) DOLCE, Marcus, P.; Price, Heneveld, Cooper, DeWitt & Litton, LLP, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 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)⁷ H01Q 1/48, 1/34, 15/08, 19/06

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(21) PCT/GB2004/001347

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 0307413.5 31 Mar/mar 2003 GB
(31.03.2003)(30) 03252032.2 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOW-PROFILE LENS ANTENNA
• ANTENNE A LENTILLE DISCRETE(71) BAE SYSTEMS PLC [GB/GB]; 6 Carlton Gardens, London SW1Y 5AD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HENDERSON, Robert, Ian [GB/GB]; BAE Systems plc, West Hanningfield Road, Great Baddow, Chelmsford, Essex CM2 8HN (GB).

(74) BAE SYSTEMS PLC; Group IP Department, Lancaster House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (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)⁷ H01Q 3/26, 3/22, 21/08, 21/22

(11) WO 2004/088794 (13) A1

(21) PCT/IB2004/050263

(22) 17 Mar/mar 2004 (17.03.2004)

(25) en (26) en

(30) 03109019.2 1 Apr/avr 2003 CN
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD AND APPARATUS FOR BEAMFORMING BASED ON BROAD-BAND ANTENNA

• PROCEDE ET APPAREIL DE CONFORMATION DE FAISCEAU A ANTENNE A LARGE BANDE

(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) DAI, Yanzhong [CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu Xi Road, 200070 Shanghai (CN).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; 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)⁷ H01R 11/01

(11) WO 2004/088795 (13) A1

(21) PCT/JP2004/003356

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-096173 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ANISOTROPIC ELECTRICALLY CONDUCTIVE FILM AND METHOD OF PRODUCING THE SAME

• FILM ELECTRIQUEMENT CONDUCTEUR ANISOTROPE ET SON PROCEDE DE PRODUCTION

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MASUDA, Yasuhiro [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). OKUDA, Yasuhiro [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). HAYASHI, Fumihiro [JP/JP]; c/o Osaka Works of Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP). HAGA, Tsuyoshi [JP/JP]; c/o Harima Research Laboratories of Sumitomo Electric Industries, Ltd., 12-1, Kouto 3-chome, Kamigori-cho, Ako-gun, Hyogo 678-1205 (JP).

(74) NAKANO, Minoru et al. / etc.; c/o Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01R 13/623, 13/527, 24/04

(11) WO 2004/088796 (13) A1

(21) PCT/AU2004/000443

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 2003901612 4 Apr/avr 2003 AU
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AN ELECTRICAL CONNECTION DE-
VICE

• DISPOSITIF DE CONNEXION ELEC-
TRIQUE

(71) HEAD ELECTRICAL INTERNA-
TIONAL PTY LTD [AU/AU]; 1 Cooper
Street, Dudley, NSW 2290 (AU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WELLS, Mark [AU/AU]; 1 Cooper
Street, Dudley, NSW 2290 (AU).

(74) GRIFFITH HACK; GPO Box 4164, Syd-
ney, NSW 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)⁷ H01R 13/66

(11) WO 2004/088797 (13) A1

(21) PCT/DE2003/003288

(22) 2 Oct/oct 2003 (02.10.2003)

(25) de (26) de

(30) 103 14 406.4 28 Mar/mar 2003 DE
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TEMPERATURE COMPENSATION EL-
EMENT FOR A CONNECTION UNIT

• ELEMENT DE COMPENSATION DE
TEMPERATURE POUR UNE UNITE
DE CONNEXION

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KLUMPP, Wolfgang [DE/DE]; Kap-
pelgasse 5, 77855 Achern (DE). MAIER,
Willi [DE/DE]; Industriestr. 4, 77728 Oppen-
au (DE). SCHNEIDERHEINZE, Wigand
[DE/DE]; Otterbachstr. 10, 76774 Leimer-
sheim (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 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).

(51)⁷ H01R 13/74

(11) WO 2004/088798 (13) A1

(21) PCT/EP2004/002152

(22) 4 Mar/mar 2004 (04.03.2004)

(25) de (26) de

(30) 103 15 661.5 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CLAMPING SCREW OR PLUG
THROUGH-WALL CONNECTION,
A WEDGE-SHAPED FIXATION

• BORNE DE CONNEXION OU
CONNECTEUR A FICHES, POUR
TRAVERSEE DE PAROI, A MOYENS
DE FIXATION EN FORME DE COIN

(71) PHOENIX CONTACT GMBH & CO. KG
[DE/DE]; Flachmarkstr. 8, 32825 Blomberg
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LANGE, Oliver [DE/DE]; Am Rötete-
ich 29, 49401 Damme (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)⁷ H01R 33/94, 33/945

(11) WO 2004/088799 (13) A1

(21) PCT/AU2004/000431

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2003901646 4 Apr/avr 2003 AU
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ADAPTOR WITH GIMBAL MOUNTED
SENSOR

• ADAPTEUR D'UNE DETEC-
TEUR MONTE A UNE SUSPENSION A
CARDAN

(71) BELIGHT CORPORATION PTY LTD
[AU/AU]; A.C.N. 104 289 652, RMB 1189
Kokoda Road, Cobram, VIC 3644 (AU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MURRAY, Peter, Grahame [AU/AU];
RMB 1189, Kokoda Road, Cobram, VIC
3644 (AU).

(74) WULFF, E Steven et al. / etc.; Davies Col-
lison Cave, 1 Nicholson 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)⁷ H01R 35/02

(11) WO 2004/088800 (13) A1

(21) PCT/IB2004/050359

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 03100847.7 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE WITH A PHYSICAL UNIT
WITH AT LEAST TWO OPERATING
POSITIONS

• DISPOSITIF COMPORTANT UNE
UNITE PHYSIQUE AVEC AU MOINS
DEUX POSITIONS DE FONCTIONNE-
MENT

(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) STAMPFL, Norbert [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 VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H01S

(11) WO 2004/088801 (13) A2

(21) PCT/US2004/009065

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,229 25 Mar/mar 2003 US
(25.03.2003)(30) 60/470,305 14 May/mai 2003 US
(14.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • EXTERNAL GAIN ELEMENT WITH
MODE CONVERTER AND HIGH IN-
DEX CONTRAST WAVEGUIDE• ELEMENT DE GAIN EXTERNE AVEC
CONVERTISSEUR DE MODE ET
GUIDE D'ONDE A FORT CONTRASTE
D'INDICE(71) LNL TECHNOLOGIES, INC [US/US];
One Broadway, 14th Floor, Cambridge, MA
02142 (US).(for all designated States except / pour tous
les États désignés sauf US)(72) LIM, Desmond, R.; 16 Wilmonar Avenue,
Singapore, 588048 (SG). PAN, Dong; 9
Baron Park Lane, Apt.33, Burlington, MA
01803 (US). HOEPFNER, Christian; 23
Commonwealth Avenue, North Andover, MA
01845 (US). OH, Wang-Yuhl; 700 Huron
Avenue, #5J, Cambridge, MA 02138 (US).
LEE, Kevin, Kidoo; 170 Gore Street, #202,
Cambridge, MA 02141 (US).(74) GITTEN, Howard, M. 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)⁷ H01S 5/12

(11) WO 2004/088802 (13) A1

(21) PCT/JP2004/004517

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-094696 31 Mar/mar 2003 JP
(31.03.2003)(30) 2003-400156 28 Nov/nov 2003 JP
(28.11.2003)(30) 2003-412062 10 Dec/déc 2003 JP
(10.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL SEMICONDUCTOR DEVICE
AND OPTICAL SEMICONDUCTOR IN-
TEGRATED CIRCUIT• DISPOSITIF A SEMI-CONDUCTEUR
OPTIQUE ET CIRCUIT INTEGRE A
SEMI-CONDUCTEUR OPTIQUE(71) NIPPON TELEGRAPH AND TELE-
PHONE CORPORATION [JP/JP]; 3-1,
Otemachi 2-chome, Chiyoda-ku, Tokyo,
1008116 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) NUNOYA, Nobuhiro [JP/JP]; c/o NTT
Intellectual Property Center, 9-11, Mi-
dori-cho 3-chome, Musashino-shi, Tokyo,
1808585 (JP). SHIBATA, Yasuo [JP/JP];
c/o NTT Intellectual Property Center, 9-11,
Midori-cho 3-chome, Musashino-shi, Tokyo,
1808585 (JP). FUJIWARA, Naoki [JP/JP];
c/o NTT Intellectual Property Center, 9-11,
Midori-cho 3-chome, Musashino-shi, Tokyo,
1808585 (JP). KIKUCHI, Nobuhiro [JP/JP];
c/o NTT Intellectual Property Center, 9-11,
Midori-cho 3-chome, Musashino-shi, Tokyo,
1808585 (JP). TOMORI, Yuichi [JP/JP];
c/o NTT Intellectual Property Center, 9-11,
Midori-cho 3-chome, Musashino-shi, Tokyo,
1808585 (JP).(74) TANI, Yoshikazu; 6-20, Akasaka 2-chome,
Minato-ku, Tokyo 107-0052, 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)⁷ H02B 1/21

(11) WO 2004/088803 (13) A1

(21) PCT/EP2004/003074

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 15 503.1 4 Apr/avr 2003 DE
(04.04.2003)(30) 203 05 507.1 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INSTALLATION DEVICE FOR BUS
BARS• APPAREIL D'INSTALLATION POUR
DES BARRES OMNIBUS(71, 72) BRUCHMANN, Klaus [DE/DE]; Am
Ölberg 7a, 96450 Coburg (DE).(74) GROENING, Hans, W. et al. / etc.;
Boehmert & Boehmert, Pettenkoferstrasse
20-22, 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 SLSY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H02B 1/21

(11) WO 2004/088804 (13) A1

(21) PCT/EP2004/003075

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 15 501.5 4 Apr/avr 2003 DE
(04.04.2003)(30) 203 05 510.1 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOCKING ELEMENT FOR FIXING AN
INSTALLATION DEVICE FOR BUS
BARS• ELEMENT DE VERROUILLAGE
POUR FIXER UN APPAREIL
D'INSTALLATION POUR DES BARRES
OMNIBUS(71, 72) BRUCHMANN, Klaus [DE/DE]; Am
Ölberg 7a, 96450 Coburg (DE).(74) GROENING, Hans, W. et al. / etc.;
Boehmert & Boehmert, Pettenkoferstrasse
20-22, 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).(51)⁷ H02B 1/30, 1/28

(11) WO 2004/088805 (13) A2

(21) PCT/BR2004/000048

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0301083-0 3 Apr/avr 2003 BR
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVEMENT TO METALLIC
CROSS SECTIONS FOR THE MAN-
UFACTURE OF HOUSING FOR ELEC-
TRICAL PANELS• AMELIORATION DE PROFILES ME-
TALLIQUES UTILISES POUR LA
FABRICATION DES COFFRETS A TA-
BLEAUX ELECTRIQUES(71, 72) FRANCISQUINI, Melquisedec
[BR/BR]; Rua Dr. Oscar Monteiro de
Barros, 580, apt. 11 - Vila Suzana, Sao Paulo,
05641-010 (BR).

(74) **SIMBOLO MARCAS E PATENTES LTDA.**; Rua Tabapua, 627, cj 44 - Itaim Bibi, Sao Paulo, 04533-012 (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).

(51)⁷ H02G 3/06

(11) WO 2004/088806 (13) A1

(21) PCT/US2004/009575

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,139 27 Mar/mar 2003 US (27.03.2003)

(30) 60/484,405 2 Jul/juil 2003 US (02.07.2003)

(30) 60/484,429 2 Jul/juil 2003 US (02.07.2003)

(30) 60/493,656 8 Aug/août 2003 US (08.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RELEASABLE BARB ASSEMBLY
• ENSEMBLE ARDILLON LIBERABLE

(71) **PANDUIT CORP.** [US/US]; 17301 S. Ridgeland Avenue, Tinley Park, IL 60477 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72) **CAVENEY, Jack, E.**; 546 Dalewood Lane, Hinsdale, IL 60521 (US). **FORSTER, Steven, M.**; 1830 Thornapple Way, Aurora, IL 60504 (US).

(74) **MCCANN, Robert, A. et al. / etc.**; Panduit Corp., 17301 S. Ridgeland Avenue, Tinley Park, IL 60477 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ H02G 3/08

(11) WO 2004/088807 (13) A1

(21) PCT/CA2004/000499

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 2,424,238 2 Apr/avr 2003 CA (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SELF-LOCKING JUNCTION BOX
• BOITIER DE RACCORDEMENT A VERROUILLAGE AUTOMATIQUE

(71, 72) **CASWELL, Malcolm, G.** [CA/CA]; 12 West Street, St. Stephen, New Brunswick E3L 1P1 (CA).

(74) **KERR, Philip, B.**; Bowley Kerr Collins, 200 Isabella Street, Suite 203, Ottawa, Ontario K1S 1V7 (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 : (c)

(51)⁷ H02G 3/32

(11) WO 2004/088808 (13) A1

(21) PCT/EP2004/003076

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 15 502.3 4 Apr/avr 2003 DE (04.04.2003)

(30) 203 05 509.8 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ADAPTER DEVICE FOR INSTALLATION EQUIPMENT USED FOR BUS BARS
• DISPOSITIF D'ADAPTATION POUR DES APPAREILS D'INSTALLATION POUR DES BARRES OMNIBUS

(71, 72) **BRUCHMANN, Klaus** [DE/DE]; Am Ölberg 7a, 96450 Coburg (DE).

(74) **GROENING, Hans, W. et al. / etc.**; Boehmert & Boehmert, Pettenkoferstrasse 20-22, 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).

(51)⁷ H02G 3/32, B60R 16/02, F16L 3/04, F16B 9/02

(11) WO 2004/088809 (13) A1

(21) PCT/EP2004/003427

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 15 837.5 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR FIXING A CABLE TO A SURFACE
• DISPOSITIF POUR FIXER UN CABLE SUR UNE SURFACE

(71) **FAURECIA INNENRAUM SYSTEME GMBH** [DE/DE]; Faureciastrasse 1, 76767 Hagenbach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÜGE, Carsten** [DE/DE]; In der Grube 20, 37287 Wehretal (DE). **KROHN, Karsten** [DE/DE]; Bürgerstrasse 22B, 36199 Rotenburg a.d. Fulda (DE). **HERMANN, Marko** [DE/DE]; Am Sommerberg 14, 37269 Eschwege-Oberdünzbach (DE).

(74) **PFENNING, MEINIG & PARTNER GBR**; Joachimstaler Strasse 10-12, 10719 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).

Published / Publiée : (c)

(51)⁷ H02G 9/02, 9/06, 1/10

(11) WO 2004/088810 (13) A1

(21) PCT/EP2004/003599

(22) 5 Apr/avr 2004 (05.04.2004)

(25) de (26) de

(30) 203 05 462.8 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROTECTIVE DEVICE FOR CABLES AND CONDUITS
• DISPOSITIF PROTECTEUR CONÇU POUR DES CABLES ET DES CONDUITES

(71) **AHMTEC GMBH** [DE/DE]; Hafenstrasse 6a, 26789 Leer (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALBERTS, Bert, F.** [NL/NL]; Klaroen 18, NL-7833 GR Nieuw Amsterdam (NL).

(74) **STILKENBÖHMER, Uwe**; 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).

Published / Publiée : (c)

(51)⁷ H02H 3/00

(11) WO 2004/088811 (13) A2

(21) PCT/US2004/008630

(22) 22 Mar/mar 2004 (22.03.2004)

(25) en (26) en

(30) 60/457,245 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PRESSURE RELIEF FOR CURRENT LIMITER

• LIMITATION DE PRESSION POUR UN 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 Co., 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ H02H 3/353, 11/00

(11) WO 2004/088812 (13) A1

(21) PCT/ZA2004/000040

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 03/2831 4 Apr/avr 2003 ZA (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROTECTION DEVICE FOR ELECTRICAL THREE-PHASE EQUIPMENT

• DISPOSITIF DE PROTECTION POUR EQUIPEMENT ELECTRIQUE TRI-PHASE

(71, 72) **STRAUSS, Theodore** [ZA/ZA]; 740-26th Avenue, Rietfontein, Pretoria, 0084 Gauteng Province (ZA).

(74) **PILKINGTON, Donovan**; Institute of Inventors and Innovators, P.O. Box 286, 2132 Saxonwold (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).

Published / Publiée : (c)

(51)⁷ H02J

(11) WO 2004/088813 (13) A2

(21) PCT/US2004/009163

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/400,512 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POWER SOURCE ADAPTER FOR BATTERY-OPERATED DEVICES

• ADAPTATEUR D'ALIMENTATION POUR DISPOSITIFS FONCTIONNANT SUR BATTERIE

(71) **RINGLING BROS.-BARNUM & BAILEY COMBINED SHOWS, INC.** [—/US]; 8607 Westwood Center Drive, Vienna, VA 22182 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURMAN, Graeme** [—/US]; 20728 Arbor Court, Sterling, VA 20165 (US). **MOLLAND, Todd** [—/US]; 47634 Lowland Terrace, Sterling, VA 20165 (US).

(74) **POKOTILOW, Steven, B. et al.** / etc.; 180 Maiden Lane, 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 PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02J 1/02, H04M 11/04

(11) WO 2004/088814 (13) A1

(21) PCT/RU2004/000129

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ru (26) ru

(30) 2003109497 31 Mar/mar 2003 RU (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR SUPPRESSING RADIATION OCCURRING DURING INFORMATION TRANSMISSION THROUGH POWER SUPPLY LINES

• DISPOSITIF SERVANT A SUPPRIMER LE RAYONNEMENT EMIS LORS D'UNE TRANSMISSION DE DONNEES SUR DES LIGNES DE TRANSMISSION

(71) **OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTJU "ALGORITM"** [RU/RU]; ul. Ruzovskaya, 16, St.Petersburg, 190013 (RU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASHKAROV, Aleksandr Germanovich** [RU/RU]; Kazanskaya ul., 33/5-43, St.Petersburg, 190000 (RU).

(74) **BUCH, Jury Iosifovich**; OBSHESTVO S OGRANICHENNOY OTVETSTVENNOSTJU "ALGOR, ITM", a/ya 296, St.Petersburg, 190013 (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).

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 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 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)⁷ H02J 3/00, 3/36, 15/00

(11) WO 2004/088815 (13) A1

(21) PCT/JP2004/004685

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-093954 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • COAL ENERGY UTILIZATION SYS-
TEM BY SUPERCONDUCTING
POWER TRANSMISSION
• SYSTEME D'EXPLOITATION DE
L'ENERGIE DU CHARBON PAR
TRANSMISSION D'ALIMENTATION
SUPRACONDUCTRICE

(71) MAYEKAWA MFG. CO., LTD. [JP/JP];
13-1, Botan 2-chome, Koto-ku, Tokyo
135-0046 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KAWAMURA, Kuniaki [JP/JP]; c/o
Mayekawa Mfg.co., Ltd., 13-1, Botan
2-chome, Koto-ku, Tokyo 135-0046
(JP). IKEUCHI, Masamitsu [JP/JP]; c/o
Mayekawa Mfg.co., Ltd., 13-1, Botan
2-chome, Koto-ku, Tokyo 135-0046 (JP).
MACHIDA, Akito [JP/JP]; c/o Mayekawa
Mfg.co., Ltd., 13-1, Botan 2-chome, Koto-ku,
Tokyo 135-0046 (JP).

(74) TAKAHASHI, Masahisa; Room 1003, Am-
bassador Roppongi Buildings, 16-13, Rop-
pongi 3-chome, Minato-ku, Tokyo 106-0032
(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 VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02J 7/02

(11) WO 2004/088816 (13) A1

(21) PCT/KR2003/002685

(22) 8 Dec/déc 2003 (08.12.2003)

(25) en (26) en

(30) 10-2003-0021275 4 Apr/avr 2003 KR
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • NON-CONTACT BATTERY PACK
EQUIPPED WITH BATTERY INFOR-
MATION PROCESSING UNIT
• BLOC-BATTERIE SANS CONTACT
EQUIPE D'UNE UNITE DE TRAITE-
MENT D'INFORMATIONS A BATTE-
RIE

(71) HANRIM POSTECH CO., LTD.
[KR/KR]; 626-1 Pajang-dong, Jangan-gu,
Suwan-si, 440-290 Gyeonggi-do (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JUNG, Chun-Kil [KR/KR]; 77-9
Nonhyeong-dong, Gangnam-gu, 135-010
Seoul (KR). KOOK, Yoon-Sang [KR/KR];
123-102 Jugong Apartment, 37 Jun-
gang-dong, Gwacheon-si, 427-010
Gyeonggi-do (KR).

(74) KIM, Sung-Gyu; 4th FL. Jangan Bldg...
827-3 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 NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC 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)⁷ H02K

(11) WO 2004/088817 (13) A2

(21) PCT/US2004/009588

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/458,979 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • IMPROVED EFFICIENCY MAGNETIC
MOTOR
• MOTEUR MAGNETIQUE A EFFICA-
CITE AMELIOREE

(71, 72) BATES, John [US/US]; 1547 Hobbs Is-
land Road, Huntsville, AL 35803 (US).

(72, 75) KING, Autry [US/US]; 2310 CO. Road
698, Hollypond, AL 35083 (US). GUTH-
ERY, Thomas [US/US]; 112 CO. Road
386-13, Cullman, AL 35057 (US).

(74) BENT, Stephen; FOLEY & LARDNER,
Washington Harbour, 3000 K Street, 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)⁷ H02K 1/06

(11) WO 2004/088818 (13) A1

(21) PCT/JP2004/004397

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-094944 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • MOTOR HAVING HIGHLY RELIABLE
GROUNDING CONSTRUCTION, AND
ELECTRIC DEVICE HAVING THIS
MOTOR MOUNTED THEREON
• MOTEUR AVEC MISE A LA MASSE
HAUTEMENT FIABLE ET DISPOSITIF
ELECTRIQUE EQUIPE DUDIT MO-
TEUR

(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) NANBU, YasuoMORISAKI,
Masahiko

(74) IWAHASHI, Fumio et al. / etc.; c/o Mat-
sushita 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)⁷ H02K 1/14, 1/27

(11) WO 2004/088819 (13) A1

(21) PCT/DE2004/000728

(22) 31 Mar/mar 2004 (31.03.2004)

(25) de (26) de

(30) 103 14 763.2 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PERMANENT MAGNETICALLY EX-
CITED ELECTRIC MACHINE

• MACHINE ÉLECTRIQUE EXCITÉE
PAR AIMANT PERMANENT

(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) REUTLINGER, Kurt [DE/DE]; Hegel-
strasse 38a, 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
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NA NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

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(51)⁷ H02K 7/102, F16D 59/02

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(21) PCT/DE2003/004102

(22) 11 Dec/déc 2003 (11.12.2003)

(25) de (26) de

(30) 103 14 887.6 1 Apr/avr 2003 DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BRAKE DEVICE FOR AN ELECTRIC
MOTOR

• DISPOSITIF DE FREINAGE DESTINE
A UN MOTEUR ELECTRIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) HABELLE, Michael [DE/DE]; Friedhof-
strasse 10, 71111 Waldenbuch (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 03
30, 70442 Stuttgart (DE).

(81) CN 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)⁷ H02K 7/12, F16D 49/00, 65/14

(11) WO 2004/088821 (13) A1

(21) PCT/DE2003/004072

(22) 10 Dec/déc 2003 (10.12.2003)

(25) de (26) de

(30) 103 14 886.8 1 Apr/avr 2003 DE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BRAKE DEVICE FOR AN ELECTRIC
MOTOR

• DISPOSITIF DE FREINAGE POUR UN
MOTEUR ELECTRIQUE

(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) HABELLE, Michael [DE/DE]; Friedhof-
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(74) ROBERT BOSCH GMBH; Postfach 30 03
30, 70442 Stuttgart (DE).

(81) CN 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)⁷ H02K 7/12

(11) WO 2004/088822 (13) A1

(21) PCT/EP2004/003358

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 03007699.6 3 Apr/avr 2003 EP
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRICAL ACTUATOR

• MECANISME DE COMMANDE ELEC-
TRIQUE

(71) SIEMENS AKTIENGESELLSCHAFT
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(72, 75) MASCHKE, Norbert [DE/DE]; Lortz-
ingstrasse 12, 01307 Dresden (DE). PROTZ,
Armin [DE/DE]; Wieckstrasse 66, 01237
Dresden (DE). RIEGER, Thomas [DE/DE];
Am Vogelherd 7, 93142 Maxhütte-Heidhof
(DE). SCHILLER, Hartmuth [DE/DE];
Wieckstrasse 68, 01237 Dresden (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)⁷ H02K 11/00

(11) WO 2004/088823 (13) A2

(21) PCT/EP2004/003343

(22) 30 Mar/mar 2004 (30.03.2004)

(25) de (26) de

(30) 103 15 630.5 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRIC MOTOR AND/ OR TRANS-
MISSION

• MOTEUR ELECTRIQUE ET/OU
TRANSMISSION

(71) WITTENSTEIN AG [DE/DE]; Walter-Wit-
tenstein-Strasse 1, 97999 Igersheim (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MICHEL, Frank [DE/DE]; Austrasse
41, 97980 Bad Mergentheim (DE).

(74) WEISS, Peter; Zeppelinstrasse 4, 78234 En-
gen (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)⁷ H02K 15/04, 3/50

(11) WO 2004/088824 (13) A1

(21) PCT/DE2004/000214

(22) 9 Feb/fév 2004 (09.02.2004)

(25) de (26) de

(30) 103 15 361.6 3 Apr/avr 2003 DE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PRODUCING COILS
AND COIL CIRCUITS

• PROCÉDE DE FABRICATION
D'ENROULEMENTS ET DE CIRCUITS
D'ENROULEMENTS

(71) ROBERT BOSCH GMBH [DE/DE]; Post-
fach 30 02 20, 70442 Stuttgart (DE).
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les États désignés sauf US)

(72, 75) OSSENKOPP, Stefan [DE/DE]; Am
Meerfeld 34, 31177 Harsum (DE). ERMER,
Martin [DE/DE]; Koepferstrasse 14, 31139
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 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02K 15/06

(11) WO 2004/088825 (13) A1

(21) PCT/EP2004/003495

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,833 3 Apr/avr 2003 US (03.04.2003)

(30) 60/462,560 11 Apr/avr 2003 US (11.04.2003)

(30) 60/515,209 27 Oct/oct 2003 US (27.10.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS AND METHODS FOR WIRE COIL LEAD PLACEMENT

• APPAREIL ET PROCÉDES POUR LE PLACEMENT DE CONDUCTEURS DE BOUCLES EN FIL

(71) AXIS S.P.A. [IT/IT]; 50028 Tavarnelle val di Pesa (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AXIS USA INC. [US/US]; 2623 Grand Boulevard,, Suite 206,, Holiday, FL 34690-3001 (US). STRATICO', Gianfranco [IT/IT]; Via Antonio Lombardi, 32, I-53100 Siena (IT). MUGELLI, Maurizio [IT/IT]; Viale della Fontana 25, I-53037 Ugnana, San Gimignano (IT).

(74) LOTTI, Giorgio; Ing. Barzano & Zanardo Milano S.p.A., C.so Vittorio Emanuele II, 61, I-10128 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).

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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)

(u) for / pour US only / seulement

(51)⁷ H02K 21/24, 7/116

(11) WO 2004/088826 (13) A1

(21) PCT/JP2004/001299

(22) 6 Feb/fév 2004 (06.02.2004)

(25) ja (26) ja

(30) 2003-096686 31 Mar/mar 2003 JP (31.03.2003)

(30) 2003-096677 31 Mar/mar 2003 JP (31.03.2003)

(30) 2003-096700 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ROTATING ELECTRIC MACHINE AND ELECTRIC VEHICLE

• MACHINE ELECTRIQUE ROTATIVE ET VEHICULE ELECTRIQUE

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

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(72, 75) MUROTA, Keiko [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). NAITO, Shinya [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). ISHIHARA, Hiroyuki [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). HINO, Haruyoshi [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). TERADA, Junji [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP). ONO, Tomohiro [JP/JP]; c/o Yamaha Hatsudoki Kabushiki Kaisha, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(74) OKUDA, Seiji; Okuda & Associates, Kataoka Bldg., 2nd Floor, 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H02K 41/03

(11) WO 2004/088827 (13) A1

(21) PCT/JP2004/004362

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-095413 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COOLING STRUCTURE FOR LINEAR MOTOR

• STRUCTURE DE REFROIDISSEMENT POUR MOTEUR LINEAIRE

(71) KABUSHIKI KAISHA YASKAWA DENKI [JP/JP]; 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).

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(72, 75) MIYAMOTO, Yasuhiro [JP/JP]; c/o Kabushiki Kaisha Yaskawa Denki, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP). YAMADA, Takahisa [JP/JP]; c/o Kabushiki Kaisha Yaskawa Denki, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ H02M 3/00

(11) WO 2004/088828 (13) A2

(21) PCT/NO2004/000097

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10/407,047 3 Apr/avr 2003 US (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PHASE-SHIFTED RESONANT CONVERTER HAVING REDUCED OUTPUT RIPPLE

• CONVERTISSEUR RESONANT DE-PHASE A IRREGULARITES DE SORTIE REDUITES

- (71) POWER-ONE AS [NO/NO]; Kobervikdalen 75, N-3036 Drammen (NO).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) APELAND, Ingvar [NO/NO]; Hellemyrtoppen 47, N-4628 Kristiansand (NO).
MYHRE, Roar [NO/NO]; Hylleb. 33, N-4622 Kristiansand (NO).

- (74) BRYN AARFLOT AS; P.O. Box 449 Sentrum, N-0104 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).

(51)⁷ H02M 3/28

(11) WO 2004/088829 (13) A1

(21) PCT/JP2004/002653

(22) 3 Mar/mar 2004 (03.03.2004)

(25) ja (26) ja

(30) 2003-092527 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • SWITCHING POWER SUPPLY APPARATUS

• DISPOSITIF DE COMMUTATION D'ALIMENTATION

- (71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 1410001 (JP).

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- (72, 75) UMETSU, Koji [JP/JP]; c/o Sony Fukushima Corporation, 2, Aza-toinokuchi, Motomiya-machi, Adachi-gun, Fukushima 9691171 (JP).

- (74) SUGIURA, Masatomo et al. / etc.; 7th Floor, Ikebukuro Park Bldg., 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 US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02N 2/14

(11) WO 2004/088830 (13) A1

(21) PCT/JP2004/004692

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-095606 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • PIEZOELECTRIC ACTUATOR DRIVE METHOD, PIEZOELECTRIC ACTUATOR DRIVE DEVICE, ELECTRONIC CLOCK, ELECTRONIC DEVICE, PIEZOELECTRIC ACTUATOR DRIVE DEVICE CONTROL PROGRAM, AND STORAGE MEDIUM

• PROCEDE DE COMMANDE D'UN ACTIONNEUR PIEZO-ELECTRIQUE, DISPOSITIF DE COMMANDE D'UN ACTIONNEUR PIEZO-ELECTRIQUE, HORLOGE ELECTRONIQUE, DISPOSITIF ELECTRONIQUE, PROGRAMME DE COMMANDE D'UN DISPOSITIF DE COMMANDE D'ACTIONNEUR PIEZO-ELECTRIQUE ET SUPPORT DE STOCKAGE

- (71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MATSUZAKI, Jun; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). KAWAGUCHI, Takashi; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). OKEYA, Makoto; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

- (74) KINOSHITA, Jitsuzo et al. / etc.; 3rd. floor, Ogikubo TM building, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02N 2/14

(11) WO 2004/088831 (13) A1

(21) PCT/SE2004/000323

(22) 5 Mar/mar 2004 (05.03.2004)

(25) en (26) en

(30) 10/404,090 2 Apr/avr 2003 US (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • NEAR-RESONANCE WIDE-RANGE OPERATING ELECTROMECHANICAL MOTOR

• MOTEUR ELECTROMECHANIQUE FONCTIONNANT AVEC UNE GAMME ETENDUE PROCHE RESONANCES

- (71) PIEZOMOTOR UPPSALA AB [SE/SE]; Sylveniusgatan 5D, S-754 50 Uppsala (SE).

- (72) JANSSON, Anders; Geijersgatan 47, S-752 31 Uppsala (SE). JOHANSSON, Stefan; Norbyvägen 33, S-752 39 Uppsala (SE). JOHANSSON, Olov; Dalby Björkberget, S-755 91 Uppsala (SE). ERIKSSON, Jonas; Stenbrohultsvägen 18, S-757 58 Uppsala (SE).

- (74) AROS PATENT AB; P.O. Box 1544, S-751 45 Uppsala (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)⁷ H02P 6/00, 6/14

(11) WO 2004/088832 (13) A1

(21) PCT/US2004/009173

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/396,482 26 Mar/mar 2003 US (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • MULTIPHASE MOTOR HAVING DIFFERENT WINDING CONFIGURATIONS FOR RESPECTIVE SPEED RANGES

• MOTEUR MULTIPHASE AYANT DIFFERENTES CONFIGURATIONS D'ENROULEMENTS POUR DES PLAGES DE VITESSES RESPECTIVES

- (71) WAVECREST LABORATORIES LLC [US/US]; 45600 Terminal Drive, Dulles, VA 20166 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) PYNTIKOV, Alexander [RU/US]; 21184 Sundial Court, Ashburn, VA 20147 (US). MASLOV, Boris, A. [US/US]; 10814 Oldfield Drive, Reston, VA 20191 (US). GLADKOV, Alexander, A. [US/US]; 9808 Laurel Street, Fairfax, VA 22032 (US).

- (74) WAVECREST LABORATORIES LLC; Intellectual Property Group, 45600 Terminal Drive, Dulles, VA 20166 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H02P 7/74, H02K 21/46

(11) WO 2004/088833 (13) A1

(21) PCT/JP2004/004366

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-091086 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM FOR DRIVING SYN-
CHRONOUS MOTORS WITH
BUILT-IN PERMANENT MAGNETS

• SYSTEME D'ENTRAÎNEMENT DE
MOTEURS SYNCHRONES A AI-
MANTS PERMANENTS INTEGRES

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Yahatanishi-ku, kitakyushu-shi, Fukuoka
8060004 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MAEMURA, Akihiko [JP/JP]; c/o
Kabushiki Kaisha Yaskawa Denki, 2-1,
Kurosaki-shiroishi, Yahatanishi-ku, ki-
takyushu-shi, Fukuoka 8060004 (JP).
ARITA, Hidehito [JP/JP]; c/o Kabushiki
Kaisha Yaskawa Denki, 2-1, Kurosaki-shi-
roishi, 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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO 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)⁷ H03B 5/12, 5/04, H01L 27/04, H01G 5/38

(11) WO 2004/088834 (13) A1

(21) PCT/JP2003/003893

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VARACTOR CAPACITOR IMPROVING
TEMPERATURE VARIATION

• CONDENSATEUR A CAPACITE VA-
RIABLE AMELIORANT LA VARIA-
TION DE TEMPERATURE

(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) HORINAKA, Minoru [JP/JP]; c/o
FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi,
Kanagawa 211-8588 (JP). YAMAMOTO,
Takuji [JP/JP]; c/o FUJITSU LIMITED,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI,
ISHIDA & ASSOCIATES, Toranomon 37
Mori Bldg., 5-1, Toranomon 3-chome, Mi-
nato-ku, Tokyo 105-8423 (JP).

(81) JP US.

(51)⁷ H03D 7/14

(11) WO 2004/088835 (13) A1

(21) PCT/EP2004/002654

(22) 15 Mar/mar 2004 (15.03.2004)

(25) en (26) en

(30) 03007555.0 1 Apr/avr 2003 EP
(01.04.2003)

(30) 60/459,504 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PASSIVE MIXER

• MELANGEUR PASSIF

(71) TELEFONAKTIEBOLAGET L MERIC-
SSON (PUBL) [SE/SE]; SE-126 25 Stock-
holm (SE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SJÖLAND, Henrik [SE/SE];
Södervångsvägen 131A, S-246 36 Löd-
deköpinge (SE). TILLMAN, Fredrik
[SE/SE]; Kulgränden 5B, S-226 49 Lund
(SE).

(74) BYSTRÖM, Linus; Ström & Gulliksson
IPC AB, P.O. Box 793, S-220 07 Lund (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)⁷ H03F 1/02, 1/32

(11) WO 2004/088836 (13) A1

(21) PCT/EP2004/050302

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 0307368.1 31 Mar/mar 2003 GB
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POWER AMPLIFIER AND A RF
TRANSMITTER AND TERMINAL
INCLUDING THE AMPLIFIER

• AMPLIFICATEUR DE PUISSANCE ET
EMETTEUR RADIOELECTRIQUE ET
TERMINAL PRESENTANT LEDIT AM-
PLIFICATEUR

(71) MOTOROLA INC [US/US]; 1303 E.Algo-
nquin Road, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PURSCHKE, Hagen Roger [DE/DE];
AM Feldweg 81A, 16567 Schoenfließ (DE).

(74) MCCORMACK, Derek J.; Motorola Euro-
pean Intellectual Property Operations, Mid-
point, Alencon Link, Basingstoke Hampshire
RG21 7PL (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)⁷ H03F 1/02

(11) WO 2004/088837 (13) A2

(21) PCT/US2004/009265

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,800 28 Mar/mar 2003 US
(28.03.2003)

(30) Not furnished / 5 Mar/mar 2004 US
non communiqué (05.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HIGH EFFICIENCY AMPLIFIER AND
METHOD OF DESIGNING SAME

• AMPLIFICATEUR A RENDEMENT
ELEVÉ ET PROCÉDE DE CONCEP-
TION DE CET AMPLIFICATEUR

(71) ANDREW CORPORATION [US/US];
10500 W. 153rd Street, Orland Park, IL
60462 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LOUIS, Edward, Vincent [US/US];
7N93 Northern Dancer Lane, St. Charles, IL
60175 (US). MYER, Robert, E. [US/US];
30 Spear Lane, Denville, NJ 07834 (US).
LOH, Koon, Whye [US/US]; 2 India Brook
Drive, Mendham, NJ 07945 (US). ROOT,
Loren, Francis [US/US]; 1916 Cobblestone
Lane, McHenry, IL 60050 (US).

(74) SUMME, Kurt, A. 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 PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H03F 3/45

(11) WO 2004/088838 (13) A1

(21) PCT/IB2004/050346

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03100900.4 4 Apr/avr 2003 EP
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LINEAR AMPLIFIER

• AMPLIFICATEUR LINEAIRE

(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) SANDULEANU, Mihai, A., T.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA
Eindhoven (NL). STIKVOORT, Eduard,
F. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; 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
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH PL
PT 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)⁷ H03H 3/02, 9/17

(11) WO 2004/088839 (13) A1

(21) PCT/JP2004/004371

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-094569 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • THIN-FILM PIEZOELECTRIC RES-
ONATOR MANUFACTURING
METHOD, THIN-FILM PIEZOELEC-
TRIC RESONATOR MANUFACTUR-
ING APPARATUS, THIN-FILM PIEZO-
ELECTRIC RESONATOR, AND ELEC-
TRONIC COMPONENT

• PROCEDE DE FABRICATION D'UN
RESONATEUR PIEZOELECTRIQUE
EN COUCHE MINCE, APPAREIL DE
FABRICATION D'UN RESONATEUR
PIEZOELECTRIQUE EN COUCHE
MINCE, RESONATEUR PIEZOELEC-
TRIQUE EN COUCHE MINCE ET
COMPOSANT ELECTRONIQUE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Ni-
honbashi, Chuo-ku, Tokyo 103-8272 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KOMURO, Eiiju [JP/JP]; c/o TDK
Corporation, 1-13-1, Nihonbashi, Chuo-ku,
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[JP/JP]; c/o TDK Corporation, 1-13-1, Ni-
honbashi, Chuo-ku, Tokyo 103-8272 (JP).
NOGUCHI, Takao [JP/JP]; c/o TDK Corpo-
ration, 1-13-1, Nihonbashi, Chuo-ku, Tokyo
103-8272 (JP). IMURA, Masaaki [JP/JP];
c/o TDK Corporation, 1-13-1, Nihonbashi,
Chuo-ku, Tokyo 103-8272 (JP).

(74) SAKAI, Shinji; 3873-1, Higashiterao,
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381-1225 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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)⁷ H03H 9/17, 3/02, H01L 41/107, 41/22

(11) WO 2004/088840 (13) A1

(21) PCT/JP2004/004507

(22) 30 Mar/mar 2004 (30.03.2004)

(25) ja (26) ja

(30) 2003-094372 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PIEZOELECTRIC THIN FILM DEVICE
AND METHOD OF PRODUCING THE
SAME

• DISPOSITIF A FILM MINCE
PIEZO-ELECTRIQUE ET PROCEDE
DE PRODUCTION DE CE DERNIER

(71) UBE INDUSTRIES LTD. [JP/JP]; 1978-96,
Oaza Kogushi, Ube-shi, Yamaguchi, 7558633
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NAGAO, Keigo [JP/JP]; c/o Ube Indus-
tries, Ltd., Ube Research Laboratory, 1978-5,
Oaza Kogushi, Ube-shi, Yamaguchi, 7558633
(JP). NISHIMURA, Kosuke [JP/JP]; c/o Ube
Industries, Ltd., Ube Research Laboratory,
1978-5, Oaza Kogushi, Ube-shi, Yamaguchi,
7558633 (JP). YAMADA, Tetsuo [JP/JP];
c/o Ube Industries, Ltd., Ube Research Lab-
oratory, 1978-5, Oaza Kogushi, Ube-shi,
Yamaguchi, 7558633 (JP). OTANI, Osamu
[JP/JP]; c/o Wafer Manufacturing Depart-
ment, Renesas Eastern Japan Semiconductor,
Inc., 1-1, Nishiyokote-machi, Takasaki-shi,
Gunma, 3700021 (JP). MATSUZAKI,
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Department, Renesas Eastern Japan Semi-
conductor, Inc., 1-1, Nishiyokote-machi,
Takasaki-shi, Gunma, 3700021 (JP).

(74) YAMASHITA, Johei; YAMASHITA &
ASSOCIATES, Tornaomon 40th MT Bldg.,
13-1, Toranomom 5-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)⁷ H03H 17/00

(11) WO 2004/088841 (13) A2

(21) PCT/IB2004/050323

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03100846.9 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • UP AND DOWN SAMPLE RATE CON-
VERTER

• CONVERTISSEUR ELEVATEUR ET
ABAISSSEUR DE TAUX D'ECHAN-
TILLONNAGE

(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) VAN DEN ENDEN, Adrianus, Wilhel-
mus, Maria [NL/DE]; c/o Philips Intellectual
Property & Standards GmbH, Weisshausstr.
2, 52066 Aachen (DE). ARENDS, Marc,
Victor [NL/DE]; c/o Philips Intellectual
Property & Standards GmbH Weisshausstr.
2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Prop-
erty & 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)⁷ H03H 17/06

(11) WO 2004/088842 (13) A2

(21) PCT/IB2004/050339

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03100849.3 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A FIR FILTER DEVICE FOR FLEXIBLE
UP- AND DOWNSAMPLING
• FILTRE A RIF POUR SURECHAN-
TILLONNAGE ET SOUS-ECHAN-
TILLONNAGE SOUPLES

(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) VOLLEBERG, Guido, T., G. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL). VAN DALFSEN, Age, J.
[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
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)⁷ H03K

(11) WO 2004/088843 (13) A2

(21) PCT/US2004/009350

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,909 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR COM-
PENSATING FOR ERROR IN A SIGMA
DELTA CIRCUIT

• SYSTEME ET PROCEDE DE COMPEN-
SATION DES ERREURS DANS UN CIR-
CUIT SIGMA DELTA

(71) ESS TECHNOLOGY, INC. [US/US];
48401 Fremont Blvd., Fremont, CA 94538
(US).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) MALLINSON, Andrew, Martin
[CA/CA]; Ess Technology, Inc., 48401
Fremont Blvd., Fremont, CA 94538 (US).
DAMPHOUSSE, Simon [CA/CA]; Ess
Technology, Inc., 48401 Fremont Blvd., Fre-
mont, 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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ H03K 3/3565

(11) WO 2004/088844 (13) A1

(21) PCT/IB2004/001402

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0304088 2 Apr/avr 2003 FR
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SCHMITT TRIGGER CIRCUIT IN SOI
• CIRCUIT DE BASCULE DE SCHMITT
UTILISANT LA TECHNOLOGIE SILI-
CIUM-SUR-ISOLANT

(71) SOISIC [FR/FR]; 15, rue des Martyrs,
F-38054 Grenoble (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FAVARD, Thierry [FR/FR]; 22, rue du
Terrage, F-75010 Paris (FR).

(74) MARTIN, Jean-Jacques et al. / etc.; Cabi-
net 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).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H03L 7/07, 7/085, 7/099

(11) WO 2004/088845 (13) A1

(21) PCT/GB2003/001441

(22) 2 Apr/avr 2003 (02.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF ESTABLISHING AN OS-
CILLATOR CLOCK SIGNAL

• PROCEDE D'ETABLISSEMENT
D'UN SIGNAL D'HORLOGE
D'OSCILLATEUR

(71, 72) TRAVIS, Christopher, Julian
[GB/GB]; Thornliebank, Wortley Road,
Wotton-under-Edge, Gloucestershire GL12
7JX (GB).

(74) PATENTGRUPPEN APS; Arosgaarden,
Aaboulevarden 31, DK-8000 Aarhus C (DK).

(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)⁷ H03L 7/197

(11) WO 2004/088846 (13) A1

(21) PCT/SE2004/000369

(22) 12 Mar/mar 2004 (12.03.2004)

(25) en (26) en

(30) 0301005-5 3 Apr/avr 2003 SE
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM OF JITTER
COMPENSATION
• PROCEDE ET SYSTEME DE COMPEN-
SATION DE GIGUE

(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON (PUBL) [SE/SE]; S-164 83 Stockholm
(SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) EIKENBROEK, Johannes Wilhelm-
mus Theodorus [NL/NL]; Sneeuwgoris 6,
NL-7827 EE Emmen (NL).

(74) MAGNUSSON, Monica; Ericsson AB,
Patent Unit Radio Networks, S-164 80 Stock-
holm (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

(u) for / pour US only / seulement

(51)⁷ H03M

(11) WO 2004/088847 (13) A2

(21) PCT/US2004/009348

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,902 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUDIO DIGITAL TO ANALOG CON-
VERTER WITH HARMONIC SUPPRES-
SION

• CONVERTISSEUR NUME-
RIQUE/ANALOGIQUE AUDIO A
SUPPRESSION D'HARMONIQUES

(71) ESS TECHNOLOGY, INC. [US/US];
48401 Fremont Blvd., Fremont, CA 94538
(US).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) MALLINSON, Andrew, Martin
[CA/CA]; ESS Technology, Inc., 48401
Fremont Boulevard, Fremont, CA 94538
(US).
(for all designated States except / pour tous
les États désignés sauf 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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ H03M

(11) WO 2004/088848 (13) A2

(21) PCT/US2004/009349

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,907 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMPROVED VOLTAGE SEGMENTED
DIGITAL TO ANALOG CONVERTER

• CONVERTISSEUR NUMERIQUE-
ANALOGIQUE AMELIORE, SEG-
MENTE EN TENSION

(71) ESS TECHNOLOGY INC. [US/US];
48401 Fremont Blvd., Fremont, CA 94538
(US).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) MALLINSON, Andrew, Martin
[CA/CA]; Ess Technology, Inc., 48401
Fremont Blvd., 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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ H03M 1/34, H04N 1/028

(11) WO 2004/088849 (13) A1

(21) PCT/IP2004/004169

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-93386 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TWO-STAGE A/D CONVERTER AN
IMAGE SENSOR USING THE SAME

- CONVERTISSEUR A/N A DEUX
ETAGES ET CAPTEUR D'IMAGE UTI-
LISANT LEDIT CONVERTISSEUR

(71, 72) KAWAHITO, Shoji [JP/JP]; 22-12, Hi-
rosawa 1-chome, Hamamatsu-shi, Shizuoka
432-8013 (JP).(74) UMEMURA, Tsuyoki; 7-39, Hakusan
1-chome, Toride-shi, Ibaraki 302-0023 (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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H03M 7/30, H04L 29/06

(11) WO 2004/088850 (13) A1

(21) PCT/SE2004/000475

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0300973-5 1 Apr/avr 2003 SE
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • STATE-MEDIATED DATA SIGNAL-
ING USED FOR COMPRESSION IN
TELECOMMUNICATION SERVICES

- SIGNALISATION DE DONNEES LIEES
A UN ETAT ET UTILISEE POUR UNE
COMPRESSION DANS DES SERVICES
DE TELECOMMUNICATIONS

(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON (publ) [SE/SE]; Torshamnsgatan 23,
S-164 83 Stockholm (SE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HANNU, Hans [SE/SE]; Batterivägen
12, S-976 31 Luleå (SE). CHRISTOFFERS-
SON, Jan [SE/SE]; Stenåsvägen 13, S-975
96 Luleå (SE).(74) MAGNUSSON, Monica; Ericsson AB, Tor-
shamnsgatan 23, 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(u) for / pour US only / seulement; (u) for / pour
US only / seulement(51)⁷ H03M 9/00, H04L 25/49

(11) WO 2004/088851 (13) A1

(21) PCT/JP2003/004098

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SIGNAL TRANSMISSION METHOD

- PROCEDE DE TRANSMISSION DE SI-
GNAUX

(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) TOKUHIRO, Noriyuki [JP/JP]; c/o
FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP).(74) TOYAMA, Tsutomu et al. / etc.; Acropolis
21 Building, 6th Floor, 4-10, Higashi Nihon-
bashi 3-chome, Chuo-ku, Tokyo 103-0004
(JP).

(81) JP US.

(51)⁷ H03M 13/45

(11) WO 2004/088852 (13) A1

(21) PCT/JP2003/004115

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TURBO DEMODULATOR

- TURBO-DEMULATEUR

(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) LI, Jifeng [JP/JP]; c/o FUJITSU LIM-
ITED, 1-1, Kamikodanaka 4-chome, Naka-
hara-ku, Kawasaki-shi, Kanagawa 211-8588
(JP).(74) ITOH, Tadahiko; 32nd Floor, Yebisu Gar-
den Place Tower, 20-3, Ebisu 4-chome,
Shibuya-ku, Tokyo 150-6032 (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 SE SI
SK TR).(51)⁷ H03M 13/47, 13/29, H04L 1/00

(11) WO 2004/088853 (13) A1

(21) PCT/JP2004/004036

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-091749 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADIO TRANSMITTER APPARATUS,
RADIO RECEIVER APPARATUS, AND
RADIO TRANSMISSION METHOD

- APPAREIL EMETTEUR RADIO, AP-
PAREIL RECEPTEUR RADIO ET PRO-
CEDE DE RADIO TRANSMISSION

(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) YOSHII, Isamu

(74) WASHIDA, Kimihito; 5th Floor, Shin-
toshicenter Bldg., 24-1, Tsurumaki 1-chome,
Tama-shi, Tokyo 2060034 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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)⁷ H04B

(11) WO 2004/088854 (13) A2

(21) PCT/IL2004/000295

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10/403,078 1 Apr/avr 2003 US
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS, SYSTEM, AND
METHOD FOR PROVIDING SILENTLY
SELECTABLE AUDIBLE COMMUNI-
CATION

- APPAREIL, SYSTEME ET PROCEDE
DE COMMUNICATION SONORE
AVEC DES MESSAGES SILENCIEUX
SELECTIONNABLES

(71) SILENT COMMUNICATION LTD.
[IL/IL]; 13 Hagvura Hayehudit St., Rishon
Le-Zion, 75281 (IL).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BLUVBAND, Zigmund** [IL/IL]; 13 Hagvura Hayehudit Street, Rishon LeZion, 75281 (IL).
- (74) **EITAN PEARL LATZER & CO-HEN-ZEDEK** et al. / etc.; 7 Shenkar Street, Herzlia, 46725 (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)⁷ **H04B**

(11) **WO 2004/088855** (13) A2

(21) PCT/US2004/008782

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 60/458,621 **31 Mar/mar 2003 US (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • DIRECT CONVERSION TRANSMITTER SYSTEM AND METHOD WITH QUADRATURE BALANCING AND LOW LO FEED THROUGH
- SYSTEME ET PROCEDE D'EMISSION-RECEPTION A CONVERSION DIRECTE AVEC EQUILIBRAGE EN QUADRATURE ET TRAVERSEE D'OSCILLATEUR LOCAL FAIBLE

(71) **QUORUM SYSTEMS, INC.** [US/US]; Suite 450, 9330 Scranton Road, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf 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 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)⁷ **H04B**

(11) **WO 2004/088856** (13) A2

(21) PCT/US2004/008842

(22) **22 Mar/mar 2004 (22.03.2004)**

(25) en (26) en

(30) 10/402,039 **27 Mar/mar 2003 US (27.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • WALSH-HADAMARD DECODER
- DÉCODEUR DE WALSH-HADAMARD

(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) **BHORA, Veerendra** [IN/US]; 1063 Morse Avenue #8103, Sunnyvale, CA 94089 (US). **ROY, Pulakesh** [BD/US]; 910 Rockefeller Dr. #14A, Sunnyvale, CA 94087 (US). **BOROS, Tibor** [HU/US]; 400 Beale Street #903, San Francisco, CA 94105 (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).

(51)⁷ **H04B**

(11) **WO 2004/088857** (13) A2

(21) PCT/US2004/009136

(22) **25 Mar/mar 2004 (25.03.2004)**

(25) en (26) en

(30) 60/457,655 **26 Mar/mar 2003 US (26.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD AND SYSTEM FOR EQUALIZING COMMUNICATION SIGNALS
- PROCEDE ET SYSTEME D'EGALISATION DE SIGNAUX DE COMMUNICATION

(71) **QUELLAN, INC.** [US/US]; 75 5th Street, NW, Suite 210, Atlanta, GA 30308 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72) **VRAZEL, Michael**; 379 Calhoun Street, NW, Atlanta, GA 30318 (US).

(74) **WACH, Michael**; King & Spalding, 191 Peachtree St., Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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)⁷ **H04B**

(11) **WO 2004/088858** (13) A2

(21) PCT/US2004/009645

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) en (26) en

(30) 60/458,886 **29 Mar/mar 2003 US (29.03.2003)**

(30) 60/473,842 **28 May/mai 2003 US (28.05.2003)**

(30) 60/510,864 **14 Oct/oct 2003 US (14.10.2003)**

(30) 60/515,750 **30 Oct/oct 2003 US (30.10.2003)**

(30) 60/515,751 **30 Oct/oct 2003 US (30.10.2003)**

(30) 60/527,856 **8 Dec/déc 2003 US (08.12.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

- (54) • METHOD AND APPARATUS FOR IMPROVED DATA TRANSMISSION

• PROCEDE ET DISPOSITIF PERMETTANT D'AMELIORER LA TRANSMISSION DE DONNEES

(71) **REGENTS OF UNIVERSITY OF CALIFORNIA** [US/US]; Office of Technology Transfer-Office of the Presid, ent, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US).

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(72, 75) **GERLA, Mario** [US/US]; University of California, Office of Technology Transfer, Office of the Presi, dent, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US). **SANADIDI, Yahya, M.** [US/US]; University of California, Office of Technology Transfer, Office of the Presi, dent, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US). **PAU, Giovanni** [US/US]; University of California, Office of Technology Transfer, Office of the Presi, dent, 1111 Franklin

Street, 5th Floor, Oakland, CA 94607-5200 (US). **WANG, Ren** [US/US]; University of California, Office of Technology Transfer, Office of the Presi, dent, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US). **BALK, Alex** [US/US]; University of California, Office of Technology Transfer, Office of the Presi, dent, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US). **MAGGIORINI, Dario** [US/US]; University of California, Office of Technology Transfer, Office of the Presi, dent, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US). **YAMADA, Kenshin** [US/US]; University of California, Office of Technology Transfer, Office of the Presi, dent, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US). **KAPOOR, Rohit** [US/US]; University of California, Office of Technology Transfer, Office of the Presi, dent, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US). **CHEN, Ling-Jyh** [US/US]; University of California, Office of Technology Transfer, Office of the Presi, dent, 1111 Franklin Street, 5th Floor, Oakland, CA 94607-5200 (US).

(74) **CIRE, Frank, L.**; 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 MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/00, 1/28**

(11) **WO 2004/088859** (13) A1

(21) PCT/EP2004/050216

(22) **27 Feb/fév 2004 (27.02.2004)**

(25) de (26) de

(30) 103 15 408.6 **4 Apr/avr 2003 DE (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RECEIVER UNIT AND METHOD FOR RECEIVING AN ANALOGUE RECEIVED SIGNAL

• UNITE RECEPTRICE ET PROCEDE DE RECEPTION D'UN SIGNAL DE RECEPTION ANALOGIQUE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(72, 75) **PASSOKE, Jens** [DE/DE]; Raupartstr. 10, 30539 Hannover (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).

Published / Publiée : (c)

(51)⁷ **H04B 1/00**

(11) **WO 2004/088860** (13) A2

(21) PCT/FR2004/000639

(22) **16 Mar/mar 2004 (16.03.2004)**

(25) fr (26) fr

(30) 03/03780 **27 Mar/mar 2003 FR (27.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SENSOR UNIT, AND HOUSING-RE-LAY FOR THE PRODUCTION OF SAID UNIT

• ENSEMBLE CAPTEUR, ET BOITIER-RELAIS POUR LA REALISATION D'UN TEL ENSEMBLE

(71) **AKTIEBOLAGET SKF** [SE/SE]; S-415 50 Göteborg (SE).

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(72, 75) **LANDRIEVE, Franck** [FR/FR]; La Butte, F-37230 Fondettes (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).

(51)⁷ **H04B 1/04, H03M 7/00**

(11) **WO 2004/088861** (13) A1

(21) PCT/IB2004/000954

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) en (26) en

(30) 10/403,727 **31 Mar/mar 2003 US (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIGITAL TRANSMITTER AND METHOD

• PROCEDE ET EMETTEUR NUMERIQUE

(71) **NORTEL NETWORKS LIMITED** [CA/US]; 2351 Boulevard Alfred-Nobel, St. Laurent, Québec H4S 2A9 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORRIS, Bradley, J.** [CA/CA]; 1233 Sherman Drive, Ottawa, Ontario K2C 2M7 (CA). **FULLER, Arthur, T., G.** [CA/CA]; 239 Knudson Drive, Kanata, Ontario K2K 2N7 (CA).

(74) **MCCUTCHEON, Robert, D.** et al. / etc.; Davis Munck, P.C., 900 Three Galleria Tower, 13155 Noel Road, Dallas, TX 75240 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/28**

(11) **WO 2004/088862** (13) A1

(21) PCT/IB2004/000967

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 10/403,633 **31 Mar/mar 2003 US (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIGITAL RECEIVER AND METHOD

• RECEPTEUR NUMERIQUE ET PROCEDE ASSOCIE

(71) **NORTEL NETWORKS LIMITED** [CA/US]; 2351 Boulevard Alfred-Nobel, St. Laurent, Québec H4S 2A9 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORRIS, Bradley, J.** [CA/CA]; 1233 Sherman Drive, Ottawa, Ontario K2C 2M7 (CA). **FULLER, Arthur, T.G.** [CA/CA]; 239 Knudson Drive, Kanata, Ontario K2K 2N7 (CA).

(74) **MCCUTCHEON, Robert, D.** et al. / etc.; Davis Munck, P.C., 900 Three Galleria Tower, 13155 Noel Road, Dallas, TX 75240 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/38**

(11) **WO 2004/088863** (13) A1

(21) PCT/US2004/005294

(22) **19 Feb/fév 2004 (19.02.2004)**

- (25) en (26) en
- (30) 10/369,851 **20 Feb/fév 2003** US
(20.02.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LOW POWER OPERATION IN A PERSONAL AREA NETWORK COMMUNICATION SYSTEM
- FONCTIONNEMENT A FAIBLE PUISSANCE DANS UN SYSTÈME DE COMMUNICATION D'UN RESEAU DE ZONE PERSONNEL
- (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) **LIU, Bo** [US/US]; 2805 Woodhaven Drive, Champaign, IL 61822 (US).
- (74) **VAAAS, 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 PT RO 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)⁷ **H04B 1/40**
- (11) **WO 2004/088864** (13) A1
- (21) PCT/KR2004/000793
- (22) **6 Apr/avr 2004 (06.04.2004)**
- (25) ko (26) en
- (30) 10-2003-0021358 **4 Apr/avr 2003** KR
(04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • METHOD AND SYSTEM FOR EXTRACTING AUDIO DATA THROUGH MICROPHONE AND MIXING AUDIO DATA WITH VIDEO DATA AND TRANSMITTING MIXING DATA TO CDMA CELLULAR PHONE
- PROCEDE ET SYSTEME POUR EXTRAIRE DES DONNEES AUDIO A TRAVERS UN MICROPHONE ET MELANGER LES DONNEES AUDIO AVEC DES DONNEES VIDEO ET POUR TRANSMETTRE LES DONNEES MELANGEES A UN TELEPHONE CELLULAIRE CDMA
- (71) **SK TELECOM CO., LTD.** [KR/KR]; 99, Seorin-dong, Jongro-gu, Seoul 110-110 (KR). THINMULTIMEDIA INC. [KR/KR]; 5F, Songwon Bldg., 59-4, Banpo-dong, Seocho-gu, Seoul 137-040 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHOI, Jongwoo** [KR/KR]; 101-1001 Hyundai-hometown, Dongcheon-dong, Yongsin-si, Gyeonggi-do 449-843 (KR). **LEE, Duhern** [KR/KR]; 34-101 Samho Apt.,

- Wolgye 3-dong, Nowon-gu, Seoul 139-771 (KR). **YOO, Chuck** [KR/KR]; 801-101, Dongik Apt., 738, Susseo-dong, Gangnam-gu, Seoul 135-220 (KR). **KIM, Minja** [KR/KR]; 121-612, Jinheung Apt., Anyang 1-dong, Anyang-si, Gyeonggi-do 430-711 (KR).
- (74) **LEE, Chulhee et al.** / etc.; 14F, Hyundai Marine & Fire Insurance Bldg., 646 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/52, 1/40**
- (11) **WO 2004/088865** (13) A1
- (21) PCT/EP2004/002222
- (22) **4 Mar/mar 2004 (04.03.2004)**
- (25) de (26) de
- (30) 103 15 046.3 **2 Apr/avr 2003** DE
(02.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • CIRCUIT ARRANGEMENT FOR A COMMUNICATION TERMINAL WITH A MULTI-MODE OPERATION
- ENSEMBLE CIRCUIT POUR UN TERMINAL DE COMMUNICATION A FONCTIONNEMENT MULTIMODE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WISNIOWSKI, Damian** [DE/DE]; Karolingerstrasse 65d, 46395 Bocholt (DE). **CIVEIRA MUNOZ, Carlos** [ES/DE]; Ludwigstrasse 89, 42105 Wuppertal (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).
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- (51)⁷ **H04B 1/69**
- (11) **WO 2004/088866** (13) A1
- (21) PCT/KR2004/000734

- (22) **30 Mar/mar 2004 (30.03.2004)**
- (25) en (26) en
- (30) 10-2003-0020255 **31 Mar/mar 2003** KR
(31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • APPARATUS FOR DECODING AN ERROR CORRECTION CODE IN A COMMUNICATION SYSTEM AND METHOD THEREOF
- APPAREIL DE DECODAGE D'UN CODE DE CORRECTION D'ERREUR DANS UN SYSTÈME DE COMMUNICATION, ET PROCÉDÉ ASSOCIÉ
- (71) **SAMSUNG ELECTRONICS CO. LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 442-742 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PARK, Sung-Eun** [KR/KR]; #6-606, Woncheonsamsung APT., Woncheon-dong, Paldal-gu, Suwon-si, Gyeonggi-do 442-754 (KR). **KIM, Jae-Yoel** [KR/KR]; #960-1401, Baekdu APT., Sanbon 9-danji, Sanbon 2-dong, Gunpo-si, Gyeonggi-do 435-042 (KR). **PARK, Seong-Il** [KR/KR]; #325-801, Hanyang APT., Seohyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-776 (KR). **KIM, Young-Kyun** [KR/KR]; #309-1405, Woosong APT., Sangnok-maoul, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do 463-010 (KR). **LEE, Hyeon-Woo** [KR/KR]; #806-901, Byucksan APT., Gwonseon-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do 441-390 (KR).
- (74) **LEE, Keon-Joo**; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, Seoul 110-524 (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)⁷ **H04B 1/707**
- (11) **WO 2004/088867** (13) A1
- (21) PCT/JP2003/004124
- (22) **31 Mar/mar 2003 (31.03.2003)**
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • RECEPTION APPARATUS
- APPAREIL DE RECEPTION
- (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, Masafumi** [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (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)⁷ **H04B 1/707**

(11) **WO 2004/088868** (13) A1

(21) PCT/JP2004/004254

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ja (26) ja

(30) 2003-90436 **28 Mar/mar 2003 JP (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRANSMITTER APPARATUS, RECEIVER APPARATUS, TRANSMISSION METHOD, RECEPTION METHOD AND PROGRAM

• EMETTEUR, RECEPTEUR, PROCEDES D'EMISSION ET DE RECEPTION ET PROGRAMME

(71) **NATIONAL INSTITUTE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY** [JP/JP]; 2-1, Nukuikitamachi 4-chome, Koganei-shi, Tokyo 184-8795 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **UMENO, Ken** [JP/JP]; c/o National Institute of Information and Communications Technology, 2-1, Nukuikitamachi 4-chome, Koganei-shi, Tokyo 184-8795 (JP).

(74) **KIMURA, Mitsuru**; 2nd Floor, Kyohan Building, 7, Kandanshiki-cho 2-chome, Chiyoda-ku, Tokyo 101-0054 (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)⁷ **H04B 3/54, 3/56**

(11) **WO 2004/088869** (13) A1

(21) PCT/FI2004/000183

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) fi (26) en

(30) 20030470 **31 Mar/mar 2003 FI (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A TRANSMITTER WITH A REMOTE UNIT IN AN ELECTRIC NET DATA TRANSMISSION SYSTEM

• EMETTEUR EQUIPE D'UNE UNITE DISTANTE DANS UN SYSTEME DE TRANSMISSION DE DONNEES DE RESEAU ELECTRIQUE

(71, 72) **ROMUNEN, Jorma, Kullervo** [FI/FI]; Kauriimpelto T 170, FI-33880 Lempäälä (FI).

(74) **NIEMINEN, Taisto**; Patenttitoimisto T Nieminen Oy, Kehräsaari B, FI-33200 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)⁷ **H04B 3/54, 3/56, 1/00**

(11) **WO 2004/088870** (13) A1

(21) PCT/FI2004/000184

(22) **30 Mar/mar 2004 (30.03.2004)**

(25) fi (26) en

(30) 20030471 **31 Mar/mar 2003 FI (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD IN AN ELECTRIC NET DATA TRANSMISSION SYSTEM FOR KEEPING THE SIGNAL LEVEL CONSTANT IN A COUPLING FURNISHED WITH SUPPLY CABLE

• PROCEDE DE SYSTEME DE TRANSMISSION NETTE DE DONNEES A FAIBLE TENSION PERMETTANT DE MAINTENIR UN NIVEAU DE SIGNAL CONSTANT DANS UN COUPLAGE DOTE D'UN CABLE D'ALIMENTATION

(71, 72) **ROMUNEN, Jorma, Kullervo** [FI/FI]; Kauriimpelto T 170, FI-33880 Lempäälä (FI).

(74) **NIEMINEN, Taisto**; Patenttitoimisto T Nieminen Oy, Kehräsaari B, FI-33200 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)⁷ **H04B 3/54, H04L 12/403**

(11) **WO 2004/088871** (13) A1

(21) PCT/IT2004/000149

(22) **24 Mar/mar 2004 (24.03.2004)**

(25) en

(26) en

(30) 03425199.1 **31 Mar/mar 2003 EP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PACKET COMMUNICATION BETWEEN A COLLECTING UNIT AND A PLURALITY OF CONTROL DEVICES OVER THE POWER SUPPLY LINE

• COMMUNICATION PAR PAQUETS ENTRE UNE UNITE DE COLLECTE ET UNE PLURALITE DE DISPOSITIFS DE COMMANDE SUR UNE LIGNE ELECTRIQUE

(71) **MAGNETEK S.p.A.** [IT/IT]; Via S. Giorgio 642, I-52028 Terranuova Bracciolini (IT).

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(72, 75) **FREZZOLINI, Aleandro** [IT/IT]; Via Sandro Pertini, 3, I-52012 Corsalone di Bibbiena (IT).

(74) **MANNUCCI, Michele** et al. / etc.; Via della Scala, 4, I-50123 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).

Published / Publiée : (c)

(51)⁷ **H04B 3/56, 3/58, H03H 7/38**

(11) **WO 2004/088872** (13) A1

(21) PCT/JP2004/004335

(22) **26 Mar/mar 2004 (26.03.2004)**

(25) ja (26) ja

(30) 2003-92843 **28 Mar/mar 2003 JP (28.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • POWER LINE TERMINATING CIRCUIT AND METHOD, AND POWER LINE RELAY DEVICE

• CIRCUIT D'ARRIVEE D'UNE LIGNE DE TRANSPORT D'ENERGIE, ET DISPOSITIF RELAIS D'UNE LIGNE DE TRANSPORT D'ENERGIE

(71) **TDK CORPORATION** [JP/JP]; 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUZUKI, Mitsunari** [JP/JP]; c/o TDK Corporation, 13-1, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-8272 (JP).

(74) **MITAZAKI, Taiji** et al. / etc.; 2F, Odai Building, 9-5, 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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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)⁷ H04B 5/06

(11) WO 2004/088873 (13) A1

(21) PCT/EP2004/003298

(22) 29 Mar/mar 2004 (29.03.2004)

(25) de (26) de

(30) 103 15 744.1 4 Apr/avr 2003 DE
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MICROPHONE COMPRISING AN HF
TRANSMITTER
• MICROPHONE COMPORTANT UN
EMETTEUR H.F.

(71) SENNHEISER ELECTRONIC GMBH &
CO. KG [DE/DE]; Am Labor 1, 30900 Wede-
mark (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FEHR, Matthias [DE/DE]; Linden-
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NIEHOFF, Wolfgang [DE/DE]; Auf der
Horst 9c, 30900 Wedemark (DE). PLATH,
Frank [DE/DE]; Johann-Strauss-Weg 19,
30900 Wedemark (DE).

(74) 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).

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(51)⁷ H04B 7/00

(11) WO 2004/088874 (13) A2

(21) PCT/IB2004/050224

(22) 10 Mar/mar 2004 (10.03.2004)

(25) en (26) en

(30) 03109021.4 1 Apr/avr 2003 CN
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR
PEER-TO-PEER COMMUNICATION
MANAGEMENT IN WIRELESS COM-
MUNICATION NETWORKS

• PROCEDE ET SYSTEME DE GES-
TION DE COMMUNICATION
POSTE-A-POSTE DANS DES RE-
SEAUX DE COMMUNICATION SANS
FIL

(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) MA, Ni [CN/CN]; Philips Electronics
China, 21/F Kerry Office Building, 218 Tian
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Li [CN/CN]; Philips Electronics China, 21/F
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(74) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.; c/o Van Der Veer, Johannes, L.,
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)⁷ H04B 7/005

(11) WO 2004/088875 (13) A1

(21) PCT/CN2003/000239

(22) 3 Apr/avr 2003 (03.04.2003)

(25) zh (26) zh

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD AND APPARATUS FOR
REALIZING THE AUTOMATICAL
TRAFFIC BALANCING FUNCTION OF
PHS BASE-STATION

• PROCEDE ET DISPOSITIF PERMET-
TANT LA MISE EN ŒUVRE D'UNE

FONCTION D'EQUILIBRAGE DU
TRAFFIC AUTOMATIQUE DANS UNE
STATION DE BASE D'UN SYSTEME
PHS

(71) UTSTARCOM (CHINA) CO., LTD.
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les États désignés sauf US)

(72, 75) CHEN, Yi [CN/CN]; B11/F, CNT Man-
hattan Bldg., Dongsishitiao Str., Beijing
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(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)⁷ H04B 7/005

(11) WO 2004/088876 (13) A1

(21) PCT/EP2004/000627

(22) 26 Jan/jan 2004 (26.01.2004)

(25) de (26) de

(30) 103 15 058.7 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA TRANSMISSION METHOD

• PROCEDE DE TRANSMISSION DE
DONNEES

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).
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les États désignés sauf US)

(72, 75) BECKMANN, Mark [DE/DE]; He-
lene-Engelbrecht-Str. 107, 38124 Braun-
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Hamburg (DE). LUFT, Achim [DE/DE];
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(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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H04B 7/26

(11) WO 2004/088877 (13) A2

(21) PCT/EP2004/000635

(22) 26 Jan/jan 2004 (26.01.2004)

(25) de (26) de

(30) 103 15 063.3 2 Apr/avr 2003 DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA TRANSMISSION METHOD

• PROCEDE DE TRANSMISSION DE
DONNEES

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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les États désignés sauf US)

(72, 75) CHOI, Hyung-Nam [KR/DE]; Am-
rumer Knick 11, 22117 Hamburg (DE).
ECKERT, Michael [DE/DE]; Hilsstr. 1,
38122 Braunschweig (DE). HANS, Martin
[DE/DE]; Sohldfeld 19, 31139 Hildesheim
(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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H04B 7/26

(11) WO 2004/088878 (13) A1

(21) PCT/JP2004/004284

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-097054 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADIO COMMUNICATION METHOD
AND RADIO COMMUNICATION DE-
VICE

• PROCEDE ET DISPOSITIF DE RADIO-
COMMUNICATION

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 5718501 (JP).

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les États désignés sauf US)

(72, 75) HIRANO, JunBENJAMIN, Koh,
Tien-Ming

(74) NIHEI, Masayuki; Tomin Shinjuku Bldg.
2F, 8-8, Shinjuku 2-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)⁷ H04B 7/26

(11) WO 2004/088879 (13) A1

(21) PCT/KR2004/000762

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 10-2003-0020533 1 Apr/avr 2003 KR
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ERROR PROCESSING APPARATUS
AND METHOD FOR WIRELESS COM-
MUNICATION SYSTEM

• APPAREIL ET METHODE DE TRAI-
TEMENT D'ERREUR POUR UN SYS-
TEME DE COMMUNICATION SANS
FIL

(71) LG ELECTRONICS INC. [KR/KR];
20, Yoido-Dong, Yongdungpo-Gu, Seoul
150-010 (KR).

(for all designated States except / pour tous
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(72, 75) YI, Seung-June [KR/KR]; Daechong
Apt. 303-403, Gaepo-Dong, Gangnam-Gu,
Seoul 135-240 (KR). LEE, Young-Dae
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woo-Dong, Hanam., Gyeonggi-Do 465-711
(KR). CHUN, Sung-Duck [KR/KR]; 202,
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(74) PARK, Jang-Won; Jewoo Bldg., 5th Floor,
200, Nonhyun-Dong, Gangnam-Gu, Seoul
135-010 (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 OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).

(51)⁷ H04B 7/26

(11) WO 2004/088880 (13) A2

(21) PCT/US2004/009306

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/401,816 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VIRTUAL REAL-TIME CLOCK BASED
ON TIME INFORMATION FROM MUL-
TIPLE COMMUNICATION SYSTEMS

• HORLOGE VIRTUELLE EN TEMPS
REEL FONDEE SUR DES INFOR-
MATIONS TEMPORIELLES DE PLU-
SIEURS SYSTEMES DE COMMUNI-
CATION

(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) FARMER, Dominic [US/US]; 21111
Gist Road, Los Gatos, CA 95033 (US).

(74) WADSWORTH, Philip, R. 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 the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM 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 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)⁷ H04B 10/08

(11) WO 2004/088881 (13) A1

(21) PCT/JP2003/004034

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL TRANSMISSION PATH
FAILURE DETECTION SYSTEM

- SYSTÈME DE DÉTECTION DE PANNE D'UNE VOIE DE TRANSMISSION OPTIQUE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) MIYAZAKI, Takashi [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) 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)⁷ H04B 10/10, 10/06

(11) WO 2004/088882 (13) A1

(21) PCT/RU2004/000078

(22) 1 Mar/mar 2004 (01.03.2004)

(25) ru (26) ru

(30) 2003110471 3 Apr/avr 2003 RU (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM FOR WIRELESS OPTICAL COMMUNICATION AND A DEVICE FOR ACTUATING AN AVALANCHE PHOTODIODE IN AN OPTICAL RECEIVER

- SYSTÈME DE COMMUNICATION OPTIQUE SANS FIL ET DISPOSITIF D'ACTIONNEMENT D'UNE PHOTODIODE A AVALANCHE DANS UN RECEPTEUR DE RAYONNEMENT OPTIQUE

(71) OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU "NAUCHNO-PROIZVODSTVENNAYA KOMPANIA "KATARSIS" [RU/RU]; Nab. Admirala Lazareva, 20, St.Petersburg, 197110 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DROBOTENKO, Andrei Vitalevich [RU/RU]; Admiralteiskaya nab., 12-1, St.Petersburg, 197000 (RU). NIKULIN, Sergei Jurevich [RU/RU]; pr. Marshala Zhukova, 28-3-144, St.Petersburg, 198303 (RU). TOMASHEV, Valery Georgievich [RU/RU]; Proezd Raevskogo, 9-4, St.Petersburg, 194064 (RU). LIMONOV, Vladimir Alekseevich [RU/RU]; ul. Korablestroitelei, 19-223, St.Petersburg, 199226 (RU).

(74) PRIKHODKO, Tatyana Sergeevna; a/ya 151, St.Petersburg, 191025 (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).

(51)⁷ H04B 10/18

(11) WO 2004/088883 (13) A1

(21) PCT/CA2004/000491

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 10/405,236 3 Apr/avr 2003 US (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRICAL DOMAIN COMPENSATION OF NON-LINEAR EFFECTS IN AN OPTICAL COMMUNICATIONS SYSTEM

- COMPENSATION DE DOMAINE ELECTRIQUE D'EFFETS NON LINEAIRES DANS UN SYSTEME DE COMMUNICATIONS OPTIQUES

(71) NORTEL NETWORKS LIMITED [CA/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Québec H4S 2A9 (CA).

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(72, 75) ROBERTS, Kim B. [CA/CA]; 10 Mission Inn Grove, Nepean, Ontario K2R 1C6 (CA). STRAWCZYNSKI, Leo [CA/CA]; 479 Highland Avenue, Ottawa, Ontario K2A 2J5 (CA). O'SULLIVAN, Maurice S. [CA/CA]; 24 Julian Avenue, Ottawa, Ontario K1Y 0S5 (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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(25) en (26) en

(30) 2003/2585 2 Apr/avr 2003 ZA (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL SYSTEM AND METHOD FOR MONITORING VARIABLE IN ROTATING MEMBER

- SYSTÈME OPTIQUE ET PROCÉDE DE CONTRÔLE DE VARIABLE APPLIQUÉE A UN ÉLÉMENT ROTATIF

(71) RAND AFRIKAANS UNIVERSITY [ZA/ZA]; Cnr. Kingsway and University Road, 2006 Auckland Park (ZA).
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(72, 75) SWART, Pieter, Lodewikus [ZA/ZA]; 43 Drakens Avenue, 1709 Quellerina (ZA). KRUGER, Ludi [ZA/ZA]; 575 34th Avenue, Villieria, 0186 Pretoria (ZA). CHTCHERBAKOV, Anatoli, Aleksandrovich [RU/ZA]; 77 Kessel Street, Fairland, 2195 Johannesburg (ZA). VAN WYK, Albertus, Japie [ZA/ZA]; Plot 64, Kameeldrif East, 0182 Pretoria (ZA).

(74) LE ROUX, Marius; D.M. Kisch Inc., P.O. Box 781218, 2146 Sandton (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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)⁷ H04B 17/00, H04L 1/24

(11) WO 2004/088885 (13) A1

(21) PCT/FR2004/000731

(22) 24 Mar/mar 2004 (24.03.2004)

(25) fr (26) fr

(30) 0303793 27 Mar/mar 2003 FR (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BROADCAST CHANNEL SIMULATOR
• EMULATEUR DE CANAL DE PROPAGATION

(71) CENTRE NATIONAL D'ETUDES SPATIALES [FR/FR]; 2, place Maurice Quentin, F-75001 PARIS (FR).

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(72, 75) ROBERT, Thierry [FR/FR]; 8, rue des Paquerettes, F-31700 BLAGNAC (FR). TAISANT, Jean-Philippe [FR/FR]; 60, boulevard des Recollets, F-31400 TOULOUSE (FR).

(74) BLOT, Philippe et al. / etc.; 2, place d'Estienne d'Orves, F-75441 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

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(51)⁷ H04C

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(21) PCT/US2004/008829

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/457,675 26 Mar/mar 2003 US
(26.03.2003)

(30) 10/766,409 27 Jan/jan 2004 US
(27.01.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MECHANISM FOR RESERVING MULTIPLE CHANNELS OF A SINGLE MEDIUM ACCESS CONTROL AND PHYSICAL LAYER

• MECANISME DE RESERVE DE PLUSIEURS CANAUX D'UNE COMMANDE D'ACCES AU SUPPORT UNIQUE ET D'UNE COUCHE PHYSIQUE

(71) CONEXANT SYSTEMS, INC. [US/US]; 4000 MacArthur Boulevard, Mail Stop K10-171, Newport Beach, CA 92660 (US).
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(72) HOEBEN, Maarten; Muurhuizen 199, 3811EH Amersfoort (NL).

(74) DEMONT, Jason, Paul et al. / etc.; De-Mont & Breyer, LLC, Suite 250, 100 Commons Way, Holmdel, NJ 07733 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04H

(11) WO 2004/088887 (13) A2

(21) PCT/GB2004/001481

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,649 4 Apr/avr 2003 US
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR MEDIA MANAGEMENT

• SYSTEME ET PROCEDE DE GESTION MULTIMEDIA

(71) BBC TECHNOLOGY HOLDINGS LIMITED [GB/GB]; Broadcasting House, Portland Place, London W1A 1AA (GB).
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(72, 75) ELLIMAN, David [GB/GB]; BBC Technology Limited, Stadium House, London W12 7TA (GB). IYAD, Issa [GB/GB]; BBC Technology Limited, Stadium House, London W12 7TA (GB). BETTRIDGE, Robin [GB/GB]; British Broadcasting Corporation, Broadcasting House, London W1A 1AA (GB). BROOKS, David [GB/GB]; BBC Technology Limited, Stadium House, London W12 7TA (GB).

(74) KAZI, Ilya et al. / etc.; Mathys & Squire, 100 Grays 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04J

(11) WO 2004/088888 (13) A2

(21) PCT/US2004/009072

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 10/400,845 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR INCREASING AUDIO PERCEPTUAL TONE ALERTS

• PROCEDE ET SYSTEME D'AUGMENTATION DES ALERTES PAR TONALITE PERCEPTIVE AUDIO

(71) MOTOROLA INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
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(72, 75) BOILLLOT, Marc, Andre [US/US]; 1450 N.W. 108th Avenue, #249, Plantation, FL 33322 (US). ANSON, Dennis [US/US]; 10046 N.W. 17th Street, Coral Springs, FL 33071 (US). PATTERSON, Audley, F. [US/US]; 2311 East Lake Miramar Circle, Miramar, FL 33025 (US).

(74) GARRETT, Scott, M. et al. / etc.; 8000 West Sunrise Boulevard, Room 1610, Fort Lauderdale, 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)⁷ H04J 3/00

(11) WO 2004/088889 (13) A1

(21) PCT/JP2003/004146

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRANSPARENT MULTIPLEXING METHOD AND DEVICE

• PROCÉDÉ ET DISPOSITIF DE MULTIPLEXAGE TRANSPARENT

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) HOMMA, Toshihiro [JP/JP]; c/o FUJITSU HIGASHI-NIHON DIGITAL TECHNOLOGY LIMITED, 3-1, Nishi 4-chome, Kita 7-jo, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP). TERAYAMA, Yoshikazu [JP/JP]; c/o FUJITSU HIGASHI-NIHON DIGITAL TECHNOLOGY LIMITED, 3-1, Nishi 4-chome, Kita 7-jo, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP). MIZUGUCHI, Noriaki [JP/JP]; c/o FUJITSU HIGASHI-NIHON DIGITAL TECHNOLOGY LIMITED, 3-1, Nishi 4-chome, Kita 7-jo, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP). KABURAGI, Kenichi [JP/JP]; c/o FUJITSU HIGASHI-NIHON DIGITAL TECHNOLOGY LIMITED, 3-1, Nishi 4-chome, Kita 7-jo, Kita-ku, Sapporo-shi, Hokkaido 060-0807 (JP).

(74) HATTORI, Kiyoshi; Hattori Patent Office, GE EDISON Bldg. Hachioji, 9-8, Azumacho, Hachioji-shi, Tokyo 192-0082 (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)⁷ H04J 3/06

(11) WO 2004/088890 (13) A1

(21) PCT/CN2004/000305

(22) 2 Apr/avr 2004 (02.04.2004)

(25) zh (26) zh

(30) 03108880.5 2 Apr/avr 2003 CN
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR FRAME ALIGNMENT

• PROCEDE ET APPAREIL D'ALIGNEMENT DE TRAMES

(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, Fengguo [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder

Plaza, No.10 Huayuan-donglu, Haidian District, Beijing 100083 (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)⁷ H04J 3/16

(11) WO 2004/088891 (13) A1

(21) PCT/US2004/009305

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,983 28 Mar/mar 2003 US (28.03.2003)

(30) 10/443,527 21 May/mai 2003 US (21.05.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SELECTIVE VARIABLE RATE ENCODING TO REGULATE DATA FRAME SIZE

• CODAGE A VITESSE VARIABLE SELECTIF PERMETTANT DE REGULER LES DIMENSIONS DE TRAMES DE DONNEES

(71) QUALCOMM Incorporated [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

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(72, 75) DICKSON, Scott [US/US]; 3313 Cadenacia Street, Carlsbad, CA 92009 (US).

(74) WADSWORTH, Philip, R. 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).

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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)

(t) for all designations / pour toutes les désignations

(51)⁷ H04J 11/00

(11) WO 2004/088892 (13) A1

(21) PCT/JP2004/004402

(22) 29 Mar/mar 2004 (29.03.2004)

(25) ja (26) ja

(30) 2003-091748 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OFDM RECEPTION DEVICE AND OFDM RECEPTION METHOD

• DISPOSITIF DE RECEPTION A MULTIPLEXAGE PAR REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDM)

(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) YOSHII, Isamu FUKUOKA, Masaru

(74) WASHIDA, Kimihito; 5th Floor, Shin-toshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 2004/088893 (13) A1

(21) PCT/JP2003/004035

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OPTICAL BRANCHING DEVICE

• DISPOSITIF DE BRANCHEMENT 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) YOKOTA, Izumi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome,

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(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 150-6032 (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)⁷ H04L

(11) WO 2004/088894 (13) A2

(21) PCT/EP2004/003465

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307384.8 1 Apr/avr 2003 GB (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMMUNICATION SYSTEM

• SYSTEME DE COMMUNICATION

(71) TELNIC LIMITED [GB/GB]; 8 Wilfred Street, London SW1E 6PL (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURGESS, John [GB/GB]; 85 Home Park Road, Wimbledon, London SW19 7HS (GB). DECROCK, Olivier [FR/FR]; 7 Villa Juliette, 93400 Saint Ouen (FR). MAHDAVI, Khashayar [FR/FR]; 16 Promenade de Saint-Antoine, CH-1204 Geneva (CH). PRICE, Alan [GB/GB]; 118 Eversleigh Road, London SW11 5XB (GB).

(74) MCGOWAN, Nigel, George; Intellectual Property Department, Siemens Shared Services, Siemens House, Oldbury, Bracknell, Berkshire, RG12 8FZ (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)⁷ H04L

(11) WO 2004/088895 (13) A2

(21) PCT/IB2004/001057

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/405,049 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD TO PROVIDE INTEROPERABILITY BETWEEN SESSION INITIATION PROTOCOL AND OTHER MESSAGING SERVICES

• PROCEDE ET SYSTEME PERMETTANT L'INTEROPERABILITE ENTRE

DES SERVICES A PROTOCOLE
D'OUVERTURE DE SESSION ET
D'AUTRES SERVICES DE MESSA-
GERIE

(71) **NOKIA CORPORATION** [FI/FI];
Keilalahdentie 4, FIN-02150 Espoo (FI).
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les États désignés sauf US)

(71) **NOKIA, INC.** [US/US]; 6000 Connection
Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(72) **TARNANEN, Teemu, Tapani**; Kaski-
puunkaari 5 C 6, FIN-02340 Espoo (FI).
ROOKE, Michael, John; Anttilantie 21A,
FIN-05840 Hyvinkää (FI).

(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).

(51)⁷ H04L

(11) **WO 2004/088896** (13) A2

(21) PCT/IB2004/001222

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 60/460,514 **4 Apr/avr 2003** US
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MECHANISMS OF CONTROL HOLD
OPERATION AND MAC-ID ASSIGN-
MENT FOR CDMA2000 1xEV-DV
REVERSE ENHANCED HIGH-SPEED
PACKET DATA CHANNEL

• MECANISMES DE REGULATION
D'OPERATIONS DE MISE EN GARDE
DE CONTROLE ET D'ATTRIBUTION
D'UN MAC-ID POUR CANAUX RE-
TOUR INVERSES DE TRANSMISSION
DE PAQUETS DE DONNEES A HAUT
DEBIT

(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) **HSU, Liangchi**; 12855 Seabreeze Farms
Drive, San Diego, CA 92130 (US). **CHENG,
Mark, W.**; 4170 Via Mar de Delinas, San
Diego, CA 92130 (US). **PI, Zhouyue**; 639
Cowboys Parkway, #2041, Irving, TX 75063
(US).

(74) **SMITH, Harry, 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)⁷ H04L

(11) **WO 2004/088897** (13) A2

(21) PCT/IB2004/000979

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 60/460,553 **4 Apr/avr 2003** US
(04.04.2003)

(30) 10/753,206 **6 Jan/jan 2004** US
(06.01.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM TOPOLOGIES FOR OPTI-
MUM CAPACITY TRANSMISSION
OVER WIRELESS LOCAL AREA NET-
WORKS

• TOPOLOGIES DE SYSTEME POUR
OBTENIR UNE CAPACITE OPTIMALE
DE TRANSMISSION DANS DES RE-
SEAUX LOCAUX SANS FIL

(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) **TERRY, John.**; 1402 Blakes Way, Garland,
TX 75042 (US).

(74) **SMITH, Harry, 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)⁷ H04L

(11) **WO 2004/088898** (13) A2

(21) PCT/US2004/008785

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 60/458,038 **28 Mar/mar 2003** US
(28.03.2003)

(30) 10/739,022 **19 Dec/déc 2003** US
(19.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR TRACK-
ING EIGENVALUES OF MATRIX PEN-
CILS FOR SIGNAL ENUMERATION

• PROCEDE ET SYSTEME DE REPE-
RAGE DE VALEURS PROPRES DE
FAISCEAUX DE MATRICE POUR
ENUMERATION DE SIGNAUX

(71) **HARRIS CORPORATION** [US/US]; 1025
W. Nasa Blvd., Melbourne, FL 32919 (US).

(72) **BEADLE, Edward, Raymond**; 5760 New-
bury Circle, Melbourne, FL 32940 (US).
DISHMAN, John, F.; 1227 Malabar Lakes
Drive, N.E., Palm Bay, FL 32905 (US). **AN-
DERSON, Richard, Hugh**; 3822 Stream
Drive, Melbourne, FL 32940 (US). **ANDER-
SON, Paul, David**; 4949 Rosewood Lane,
Melbourne, FL 32940 (US).

(74) **YATSKO, Michael, S.** et al. / etc.; Har-
ris Corporation, 1025 W. NASA Blvd., Mel-
bourne, 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)⁷ H04L

(11) **WO 2004/088899** (13) A2

(21) PCT/US2004/008790

(22) **23 Mar/mar 2004 (23.03.2004)**

(25) en (26) en

(30) 60/458,023 **26 Mar/mar 2003** US
(26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • WIRELESS MULTI-CELL COMMUNI-
CATION SYSTEM AND METHOD FOR
MANAGING RESOURCE POWER TO
PROVIDE HIGH SPEED DOWNLINK
PACKET ACCESS SERVICES

• SYSTEME DE COMMUNICATION
MULTICELLULAIRE SANS FIL ET
PROCEDE DE GESTION DE LA PUIS-
SANCE DES RESSOURCES POUR
PRODUIRE DES SERVICES D'ACCES
PAR PAQUETS DE LIAISON DESCEN-
DANTE A GRANDE VITESSE

(71) **INTERDIGITAL TECHNOLOGY COR-
PORATION** [US/US]; 300 Delaware Av-
enue, Suite 527, Wilmington, Delaware
19801 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **RUDOLF, Marian** [DE/CA]; 2046 Rue
de la Visitation, Montreal, Québec H2L
3C7 (CA). **MILLER, James M.** [US/US];

- 18 Louisburg Square, Verona, New Jersey 07044 (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)⁷ **H04L**
- (11) **WO 2004/088900** (13) A2
- (21) PCT/US2004/008841
- (22) **22 Mar/mar 2004 (22.03.2004)**
- (25) en (26) en
- (30) 10/402,775 **28 Mar/mar 2003 US (28.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **ERROR WORD GENERATION WITH MULTIPLE ELEMENT INPUT**
- **PRODUCTION DE MOTS D'ERREUR AVEC ENTRÉE D'ÉLÉMENTS MULTIPLES**
- (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) **ROY, Pulakesh** [BD/US]; 910 Rockefeller Dr. #14A, Sunnyvale, CA 94087 (US). **BOROS, Tibor** [HU/US]; 400 Beale Street #903, San Francisco, CA 94105 (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).
-
- (51)⁷ **H04L**
- (11) **WO 2004/088901** (13) A2
- (21) PCT/US2004/009071
- (22) **24 Mar/mar 2004 (24.03.2004)**
- (25) en (26) en
- (30) 10/397,027 **25 Mar/mar 2003 US (25.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **METHOD AND SYSTEM FOR SYNCHRONIZATION IN A FREQUENCY SHIFT KEYING RECEIVER**
- **PROCEDE ET SYSTEME DE SYNCHRONISATION DANS UN RECEPTEUR A TRANSMISSION PAR DEPLACEMENT DE FREQUENCE**
- (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) **CARSELLO, Stephen, R.** [US/US]; 848 N.W. 110th Avenue, Plantation, FL 33324 (US). **GOLDBERG, Mark, A.** [US/US]; 2684 W. Orchard Circle, Davie, FL 33328 (US).
- (74) **GARRETT, Scott, M.** et al. / etc.; 8000 West Sunrise Boulevard, Room 1610, Fort Lauderdale, 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)⁷ **H04L**
- (11) **WO 2004/088902** (13) A2
- (21) PCT/US2004/009171
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 10/400,365 **27 Mar/mar 2003 US (27.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **METHOD AND APPARATUS FOR MITIGATING THE EFFECTS OF NON-IDEAL RECEIVER PROCESSING**
- **PROCEDE ET APPAREIL POUR ATTENUER LES EFFETS DE TRAITEMENT NON IDEAL D'UN RECEPTEUR**
- (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) **GAMBLE, Kevin, Jackson** [US/US]; 601 S.E. 5th Court, #109, Fort Lauderdale, FL 33301 (US). **CARSELLO, Stephen** [US/US]; 10602 N.W. 6th Street, Plantation, FL 33324 (US).
- (74) **GARRETT, Scott, M.** et al. / etc.; 8000 West Sunrise Boulevard, Room 1610, Fort Lauderdale, 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)⁷ **H04L**
- (11) **WO 2004/088903** (13) A2
- (21) PCT/US2004/009307
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 10/402,582 **27 Mar/mar 2003 US (27.03.2003)**
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • **METHOD AND APPARATUS FOR PROVIDING A PERSONAL SECURITY SYSTEM**
- **PROCEDE ET APPAREIL METTANT EN PLACE UN SYSTEME DE SECURITE PERSONNEL**
- (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) **HARVEY, John** [US/US]; 6962 Enders Avenue, San Diego, CA 92122 (US).
- (74) **WADSWORTH, Philip, R.** 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO 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)⁷ H04L

(11) WO 2004/088904 (13) A2

(21) PCT/US2004/009475

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/401,369 28 Mar/mar 2003 US
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR
WIRELESSLY DELIVERING MP3
CONTENT• PROCEDE ET APPAREIL D'APPORT
SANS FIL DE CONTENU MP3(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) NOLAN, John, Timothy [US/US];
5305 SW 25th Court, Cape Coral, FL 33914
(US). CAPOBIANCO, Anthony [US/US];
3501 Surfside Blvd., Cape Coral, FL 33914
(US).(74) PARK, Keum, J. 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)⁷ H04L

(11) WO 2004/088905 (13) A2

(21) PCT/US2004/009516

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/458,088 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR AU-
THENTICATING OBJECTS• SYSTEME ET PROCEDE SERVANT A
AUTHENTIFIER DES OBJETS(71) GRAPHIC SECURITY SYSTEMS COR-
PORATION [US/US]; 4450 Jog Road, Lake
Worth, FL 33467 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ALASIA, Alfred, V. [US/US]; 9720
Pine Mill Court, Lake Worth, FL 33467
(US). ALASIA, Alfred, J. [US/US]; 283
Cypress Trace, Royal Palm Beach, FL 33411
(US). ALASIA, Thomas, C. [US/US]; 3674
Woods Walk Boulevard, Lake Worth, FL
33467 (US).(74) MARTINEZ DE ANDINO, J., Michael et
al. / etc.; Hunton & Williams LLP, RiverfrontPlaza, East Tower, 951 East Byrd Street, Rich-
mond, VA 23219-4074 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H04L 1/00

(11) WO 2004/088906 (13) A1

(21) PCT/JP2004/002486

(22) 1 Mar/mar 2004 (01.03.2004)

(25) ja (26) ja

(30) 2003-096493 31 Mar/mar 2003 JP
(31.03.2003)(30) 2003-168306 12 Jun/juin 2003 JP
(12.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TURBO DECODING DEVICE AND
TURBO DECODING METHOD• DISPOSITIF ET PROCEDE DE TURBO-
DECODAGE(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) SHIOZAWA, Hiroyuki/TAKESUE, Ya-
suhiro(74) WASHIDA, Kimihito; 5th Floor, Shintosh-
center Building, 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 KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NA NI NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT 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)⁷ H04L 1/00

(11) WO 2004/088907 (13) A2

(21) PCT/US2004/008949

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 10/397,989 25 Mar/mar 2003 US
(25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ADAPTIVE RATE PRIORITIZING

• CLASSEMENT ADAPTATIF DE DE-
BITS PAR ORDRE DE PRIORITE(71) QUALCOMM, Incorporated [US/US];
5775 Morehouse Drive, San Diego, CA
92121-1714 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) WU, Qiang [CN/US]; 13590 Dogwood
Way, San Diego, CA 92130 (US). BLACK,
Peter J. [AU/US]; 2961 First Avenue, San
Diego, CA 92103 (US).(74) WADSWORTH, Philip R. et al. / etc.;
5775 Morehouse Drive, San Diego, CA
92121-1714 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NA NI NO NZ OM
PG PH PL PT RO RU SC SD SE SG SK SL
SY TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL 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)⁷ H04L 1/06

(11) WO 2004/088908 (13) A1

(21) PCT/GB2004/001386

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0307471.3 1 Apr/avr 2003 GB
(01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SIGNAL PROCESSING APPARATUS
AND METHOD• APPAREIL ET PROCEDE DE TRAITE-
MENT DU SIGNAL(71) QINETIQ LIMITED [GB/GB]; Registered
Office, 85 Buckingham Gate, London SW1E
6PD (GB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DEAN, Michael [GB/GB]; QinetiQ
Limited, Malvern Technology Centre, St.
Andrews Road, Malvern, Wores WR14
3PS (GB). FLETCHER, Paul, Nicholas

[GB/GB]; QinetiQ Limited Building, Malvern Technology Centre, St. Andrews Road, Malvern, Worcs WR14 3PS (GB). **NIX, Andrew, Robert** [GB/GB]; University of Bristol, Merchant Venturer's Building, Woodland Road, Bristol BS8 1UB (GB). **AZIZ, Mohamad, Kamree, Abdul** [MY/GB]; University of Bristol, Merchant Venturer's Building, Woodland Road, Bristol, BS8 1UB (GB).

(74) **TOCHER, A., J.**; QinetiQ Ltd, IP Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (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)⁷ H04L 1/20, 1/18

(11) **WO 2004/088909** (13) A1

(21) PCT/EP2004/002218

(22) **4 Mar/mar 2004 (04.03.2004)**

(25) de (26) de

(30) 103 15 249.0 **3 Apr/avr 2003 (03.04.2003)** DE

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND MEASURING DEVICE FOR DETERMINING AN ERROR RATE WITHOUT INCREMENTAL REDUNDANCY

• PROCEDE ET APPAREIL DE MESURE POUR DETERMINER UN TAUX D'ERREURS SANS REDONDANCE INCREMENTALE

(71) **ROHDE & SCHWARZ GMBH & CO. KG** [DE/DE]; Mühlhofstrasse 15, 81671 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PLAUMANN, Ralf** [DE/DE]; Kirchenstrasse 2a, 85659 Forstern (DE). **WINKLHOFER, Max** [DE/DE]; Helene-Mayer-Ring 12, 80809 München (DE). **FASSRAINER, Johannes** [DE/DE]; Ahornweg 9, 85617 Assling (DE).

(74) **KÖRFER, Thomas**; Mitscherlich & Partner, 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 DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 5/02

(11) **WO 2004/088910** (13) A1

(21) PCT/IT2003/000189

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF OFDM TRANSMISSION IN A MILLIMETRE-WAVE WLAND AND CORRESPONDING SYSTEM

• PROCEDE DE TRANSMISSION OFDM DANS UN RESEAU LOCAL SANS FIL (WLAN) A ONDES MILLIMETRIQUES ET SYSTEME CORRESPONDANT

(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) **BOREAN, Claudio** [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT). **TAMBOSSO, Tiziana** [IT/IT]; Telecom Italia S.p.A., Via G. Reiss Romoli, 274, I-10148 Torino (IT).

(74) **GIANNESI, Pier Giovanni** 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 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).

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 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)

(u) for / pour US only / seulement

(51)⁷ H04L 5/14, 29/06, 12/22, 1/24

(11) **WO 2004/088911** (13) A2

(21) PCT/GB2004/001427

(22) **31 Mar/mar 2004 (31.03.2004)**

(25) en (26) en

(30) 0307622.1 **2 Apr/avr 2003 (02.04.2003)** GB

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMMUNICATION SYSTEM, CONVERTER FOR USE THEREIN AND METHOD OF SIGNALLING

• SYSTEME DE COMMUNICATION, CONVERTISSEUR DESTINE A ETRE UTILISE A L'INTERIEUR DUDIT SYSTEME ET PROCEDE DE SIGNALISATION

(71) **NEW TRANSDUCERS LIMITED** [GB/GB]; Cygnet House, Kingfisher Way, Hinchingsbrooke Business Park, Huntingdon, Cambs PE29 6FW (GB).

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(72, 75) **COWDERY, Christopher, James** [GB/GB]; New Tranducers Limited, Cygnet House, Kingfisher Way, Hinchingsbrooke Business Park, Huntingdon, Cambridgeshire PE29 6FW (GB). **CHAPMAN, David, James** [GB/GB]; New Tranducers Limited, Cygnet House, Kingfisher Way, Hinchingsbrooke Business Park, Huntingdon, Cambridgeshire PE29 6FW (GB). **WOOD, John** [GB/GB]; New Tranducers Limited, Cygnet House, Kingfisher Way, Hinchingsbrooke Business Park, Huntingdon, Cambridgeshire PE29 6FW (GB).

(74) **MAGUIRE BOSS**; 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB (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)⁷ H04L 7/033, H03L 7/08

(11) **WO 2004/088912** (13) A1

(21) PCT/JP2003/004082

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA REPRODUCING CIRCUIT AND DATA REPRODUCING METHOD

• CIRCUIT DE REPRODUCTION DE DONNEES ET PROCEDE DE REPRODUCTION DE DONNEES

(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) **MURATA, Tomoo** [JP/JP]; c/o Hitachi, Ltd., Device Development Center, 16-3, Shinmachi 6-chome, Ome-shi, Tokyo 198-8512 (JP). **MATSUMOTO, Takashi** [JP/JP]; c/o Hitachi, Ltd., Device Development Center, 16-3, Shinmachi 6-chome, Ome-shi, Tokyo 198-8512 (JP).

(74) TOKUWAKA, Kousei; 16-8, Inokashira 5-chome, Mitaka-shi, Tokyo 181-0001 (JP).

(81) CN JP 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)⁷ H04L 7/033, H03L 7/08

(11) WO 2004/088913 (13) A1

(21) PCT/JP2003/004118

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHASE COMPARISON CIRCUIT AND CLOCK RECOVERY CIRCUIT

• CIRCUIT DE COMPARAISON DE PHASE ET CIRCUIT DE RECUPERATION DE SIGNAUX D'HORLOGE

(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) KUWATA, Naoki [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) 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)⁷ H04L 7/04, 7/10, 27/00, 27/26

(11) WO 2004/088914 (13) A1

(21) PCT/JP2004/004495

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 2003-094926 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • FREQUENCY SYNCHRONIZATION APPARATUS AND FREQUENCY SYNCHRONIZATION METHOD

• APPAREIL DE SYNCHRONISATION DE FREQUENCE ET PROCEDE DE SYNCHRONISATION DE FREQUENCE

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oazakadoma, Kadoma-shi, Osaka 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OMOTO, YukihiroSHIRAKATA, NaganoriURABE, YoshioHARADA, Yasuo

(74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 9/12, H03M 13/09, 13/19

(11) WO 2004/088915 (13) A1

(21) PCT/JP2004/003111

(22) 10 Mar/mar 2004 (10.03.2004)

(25) ja (26) ja

(30) 2003-063532 10 Mar/mar 2003 JP (10.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • QUANTUM KEY DELIVERY METHOD AND COMMUNICATION DEVICE

• PROCEDE DE REMISE DE CLE QUANTIQUE ET DISPOSITIF DE TRANSMISSION

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP). 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) MATSUMOTO, Wataru [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP). WATANABE, Yodai [JP/JP]; c/o RIKEN, 2-1, Hirosawa, Wako-shi, Saitama 3510198 (JP).

(74) SAKAI, Hiroaki; Sakai International Patent Office, Tokyo Club Building, 2-6, 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)⁷ H04L 9/18

(11) WO 2004/088916 (13) A1

(21) PCT/FR2004/050127

(22) 25 Mar/mar 2004 (25.03.2004)

(25) fr (26) fr

(30) 03/03844 28 Mar/mar 2003 FR (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ENCRYPTION METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE CRYPTAGE

(71) EVERBEE NETWORKS [FR/FR]; 41, boulevard des Capucines, F-75002 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STEHLE, Jean-Luc [FR/FR]; 300, rue de Vaugirard, F-75015 Paris (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).

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(21) PCT/AU2004/000388

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 2003901468 1 Apr/avr 2003 AU (01.04.2003)

(30) 2003906194 11 Nov/nov 2003 AU (11.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SYSTEM FOR SECURE COMMUNICATION

• SYSTEME DE SECURISATION DES COMMUNICATIONS

(71) ENTROPIC TECHNOLOGIES PTY LTD [AU/AU]; 28/82 Royal St, East Perth, Perth, Western Australia 6004 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAHARI, Azman Bin H J [MY/MY]; 10 Lorong 5/10B, Section 5, 46000 Petaling Jaya, Selangor Darul Ehsan (MY).

(74) HOLLIDAY, Neal Joseph; Lord & Company, 4 Douro Place, West Perth, Perth, Western Australia 6005 (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)⁷ H04L 12/00

(11) WO 2004/088918 (13) A2

(21) PCT/GB2004/001487

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 0307638.7 2 Apr/avr 2003 GB (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA NETWORKING
• RESEAUTAGE DE DONNEES

(71) PARC TECHNOLOGIES LIMITED [GB/GB]; 8th Floor, The Tower Building, 11 York Road, London SE1 7NX (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EL-SAKKOUT, Hani [GB/GB]; Parc Technologies Limited, 8th Floor, The Tower Building, 11 York Road, London SE1 7NX (GB). LIATSOS, Vassilis [GB/GB]; Parc Technologies Limited, 8th Floor, The Tower Building, 11 York Road, London SE1 7NX (GB). NOVELLO, Stefano [GB/GB]; Parc Technologies Limited, 8th Floor, The Tower Building, 11 York Road, London SE1 7NX (GB).

(74) MUSKER, David, C. et al. / etc.; R G C Jenkins & Co., 26 Caxton Street, London SE1H 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)⁷ H04L 12/22, 9/32

(11) WO 2004/088919 (13) A1

(21) PCT/IB2004/000959

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 03007256.5 31 Mar/mar 2003 EP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTEGRITY CHECK VALUE FOR WLAN PSEUDONYM
• VALEUR DE VERIFICATION D'INTEGRITE POUR PSEUDONYME DANS UN RESEAU LOCAL SANS FIL (WLAN)

(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) OLLILA, Juha [FI/FI]; Tiilitie 7 B 47, FIN-90650 Oulu (FI).

(74) LESON, Thomas, Johannes, Alois; Bavariaring 4-6, 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).

(51)⁷ H04L 12/24, 29/06

(11) WO 2004/088920 (13) A1

(21) PCT/EP2004/003131

(22) 24 Mar/mar 2004 (24.03.2004)

(25) de (26) de

(30) 103 14 559.1 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND CONTROL PROGRAM FOR OPERATING A COMMUNICATION TERMINAL FOR PACKET-ORIENTED DATA TRANSMISSION

• PROCEDE ET PROGRAMME DE COMMANDE PERMETTANT DE FAIRE FONCTIONNER UN TERMINAL DE COMMUNICATION POUR LA TRANSMISSION DE DONNEES ORIENTEE PAQUETS

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERNDT, Stefan [DE/DE]; Am Darenberg 1, 59199 Bönen (DE). BOZIOONEK, Bruno [DE/DE]; Johannesstrasse 33, 33178 Borcheln (DE). HINZ, Bernd [DE/DE]; Auf der Bitterhorst 51, 33378 Rheda-Wiedenbrück (DE). LAUX, Thorsten [DE/DE]; Sertürner Strasse 20 B, 33104 Paderborn (DE). NEUHAUS, Ralf [DE/DE]; Friedrich-Wilhelm-Weber-Str. 22m, 44534 Lünen (DE). SCHEERING, Christian [DE/DE]; Erftweg 38, 33689 Bielefeld (DE). UECKER, Rainer [DE/DE]; Vonscheidts Hof 21, 45470 Mühlheim (DE). ZIMMERMANN, Rainer [DE/DE]; Krügers-Kamp 3, 33106 Paderborn (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).

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(51)⁷ H04L 12/24, H04B 10/20

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(21) PCT/JP2003/012510

(22) 30 Sep/sep 2003 (30.09.2003)

(25) ja (26) ja

(30) PCT/JP03/04099 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NETWORK DESIGN DEVICE
• DISPOSITIF POUR CONCEVOIR UN RESEAU

(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) SHINOMIYA, Norihiko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). CHUGO, Akira [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MIYAZAKI, Keiji [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). MIYABE, Masatake [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, Higashininhonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (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)⁷ H04L 12/24, H04B 10/20

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(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NETWORK DESIGNING SYSTEM
• SYSTEME DE CONCEPTION DE RESEAU

(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) SHINOMIYA, Norihiko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). CHUGO, Akira [JP/JP]; c/o FUJITSU LIMITED, 1-1,

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(74) TOYAMA, Tsutomu et al. / etc.; Acropolis 21 Building 6th Floor, 4-10, Higashi Nihonbashi-3-chome, Chuo-ku, Tokyo 103-0004 (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)⁷ H04L 12/24, 12/28, 12/66

(11) WO 2004/088923 (13) A1

(21) PCT/SE2003/001261

(22) 8 Aug/août 2003 (08.08.2003)

(25) en (26) en

(30) 60/459,346 1 Apr/avr 2003 US (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR CENTRALLY ALLOCATING ADDRESSES AND PORT NUMBERS

• PROCEDE ET SYSTEME PERMETTANT D'ATTRIBUER CENTRALEMENT DES ADRESSES ET DES NUMEROS DE POINT D'ACCES

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

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(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) 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 PG PH PL 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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) de (26) de

(30) 103 15 472.8 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CONTROLLING RADIO COMMUNICATION LIAISONS IN A COMMUNICATION SYSTEM

• PROCEDE DE COMMANDE DE LIAISONS DE COMMUNICATION RADIO DANS UN SYSTEME DE COMMUNICATION

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(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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/28, 29/08, 12/56

(11) WO 2004/088925 (13) A1

(21) PCT/EP2004/002709

(22) 16 Mar/mar 2004 (16.03.2004)

(25) de (26) de

(30) 103 15 066.8 2 Apr/avr 2003 DE (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR CONTROLLING THE TRANSMISSION OF DATA

• PROCEDE DE COMMANDE DE TRANSMISSION DE DONNEES

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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)⁷ H04L 12/28

(11) WO 2004/088926 (13) A2

(21) PCT/GB2004/001349

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0307431.7 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUDIO PROCESSING

• TRAITEMENT AUDIO

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(74) TURNER, James, Arthur et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (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)⁷ H04L 12/28

(11) WO 2004/088927 (13) A1

(21) PCT/JP2003/003789

(22) 27 Mar/mar 2003 (27.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTERMITTENT COMMUNICATION METHOD AND INTERMITTENT COMMUNICATION DEVICE

• PROCEDE ET DISPOSITIF DE COMMUNICATION INTERMITTENTE

(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) HIRANO, Jun [JP/JP]; 3-20-9-206, Tsukui, Yokosuka-shi, Kanagawa 239-0843 (JP). ARAMAKI, Takashi [JP/JP]; 1-35-10-201, Ooka, Minami-ku, Yokohama-shi, Kanagawa 232-0061 (JP). INOGAI, Kazunori [JP/JP]; 1237-5-702, Mutsuura-cho, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0032 (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 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)⁷ H04L 12/40, G05B 19/418

(11) WO 2004/088928 (13) A1

(21) PCT/EP2004/003153

(22) 25 Mar/mar 2004 (25.03.2004)

(25) de (26) de

(30) 103 15 730.1 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SWITCHGEAR SYSTEM AND METHOD FOR THE INSTALLATION OF WITHDRAWABLE UNITS INTO SWITCHGEARS

• SYSTEME D'INSTALLATIONS DE DISTRIBUTION ET PROCEDE POUR MONTER DES APPAREILS ENFICHABLES DANS DES INSTALLATIONS DE DISTRIBUTION

(71) ABB PATENT GMBH [DE/DE]; Wallstadter Strasse 59, 68520 Ladenburg (DE).
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(72, 75) MERKEL, Hans-Peter [DE/DE]; Danziger Strasse 17, 69198 Schriesheim (DE). ZANK, Gunnar [DE/DE]; Ludwig-Thoma-Strasse 57, 06179 Teutschenthal (DE).

(74) FRITSCH, Klaus et al. / etc.; ABB Patent GmbH, Postfach 11 40, 68520 Ladenburg (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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/437

(11) WO 2004/088929 (13) A1

(21) PCT/JP2003/004011

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • END OFFICE REPEATER, REPEATING METHOD

• RÉPÉTEUR DE CENTRAL LOCAL ET PROCÉDÉ DE RÉPÉTITION

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(72, 75) MATSUO, Hiroyuki [JP/JP]; c/o FUJITSU DIGITAL TECHNOLOGY LIMITED, 3-9, Shinyokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP). KAWAGUCHI, Mitsuhiko [JP/JP]; c/o FUJITSU DIGITAL TECHNOLOGY LIMITED, 3-9, Shinyokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP). YAMASAKI, Shosaku [JP/JP]; c/o FUJITSU DIGITAL TECHNOLOGY LIMITED, 3-9, Shinyokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP). UMEGAKI, Takashi [JP/JP]; c/o FUJITSU DIGITAL TECHNOLOGY LIMITED, 3-9, Shinyokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP). KOMATSU, Koji [JP/JP]; c/o FUJITSU DIGITAL TECHNOLOGY LIMITED, 3-9, Shinyokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP). ITSUKI, Yoshimasa [JP/JP]; c/o FUJITSU DIGITAL TECHNOLOGY LIMITED, 3-9, Shinyokohama 2-chome, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (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)⁷ H04L 12/44

(11) WO 2004/088930 (13) A1

(21) PCT/JP2003/004116

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMMUNICATION SYSTEM AND COMMUNICATION APPARATUS

• SYSTÈME DE COMMUNICATION ET APPAREIL DE COMMUNICATION

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(71, 72) TSUJIKADO, Ikutaro [JP/JP]; c/o FUJITSU KANSAI-CHUBU NET-TECH LIMITED, 2-53, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). YAMADA, Masataka [JP/JP]; c/o FUJITSU KANSAI-CHUBU NET-TECH LIMITED, 2-53, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). SHINHA, Hiroomi [JP/JP]; c/o FUJITSU KANSAI-CHUBU NET-TECH LIMITED, 2-53, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). FUKUSHIMA, Hajime [JP/JP]; c/o FUJITSU KANSAI-CHUBU NET-TECH LIMITED, 2-53, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka

540-0001 (JP). ICHIKAWA, Tetsumi [JP/JP]; c/o FUJITSU KANSAI-CHUBU NET-TECH LIMITED, 2-53, Shiromi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP). MORI, Shiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SEKIHATA, Osamu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). TOMINAGA, Susumu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(81) JP US.

(51)⁷ H04L 12/44

(11) WO 2004/088931 (13) A1

(21) PCT/JP2003/004148

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA COMMUNICATION LOAD DISTRIBUTION CONTROL PROGRAM AND DATA LOAD DISTRIBUTION CONTROL METHOD

• PROGRAMME DE CONTROLE DE REPARTITION DE CHARGE DE COMMUNICATION DE DONNEES ET PROCEDE DE CONTROLE DE REPARTITION DE CHARGE DE DONNEES

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(74) HATTORI, Kiyoshi; Hattori Patent Office, GE EDISON Bldg. Hachioji, 9-8, Azuma-cho, Hachioji-shi, Tokyo 192-0082 (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)⁷ H04L 12/46

(11) WO 2004/088932 (13) A1

(21) PCT/JP2003/004029

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VLAN LEARNING SWITCH

- COMMUTATEUR D'APPRENTISSAGE DE RESEAU LOCAL VIRTUEL

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) CN JP US.

(51)⁷ H04L 12/56

(11) WO 2004/088933 (13) A1

(21) PCT/EP2003/003296

(22) 29 Mar/mar 2003 (29.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE AND METHOD FOR RATE ADAPTATION BETWEEN BIT STREAMS

- DISPOSITIF ET PROCÉDE D'ADAPTATION DE DÉBIT ENTRE DES FLUX BINAIRES

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-164 83 Stockholm (SE).

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(74) TONSCHEIDT, Andreas; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (DE).

(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).

(51)⁷ H04L 12/56

(11) WO 2004/088934 (13) A2

(21) PCT/IB2004/001014

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 03100901.2 4 Apr/avr 2003 EP (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISCOVERING PROXIMATE APPARATUS AND SERVICES IN A WIRELESS NETWORK

- IDENTIFICATION D'APPAREILS ET DE SERVICES A PROXIMITE DANS UN RESEAU SANS FIL

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).

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(74) VOLMER, Georg; 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)⁷ H04L 12/56

(11) WO 2004/088935 (13) A1

(21) PCT/IB2004/050352

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 03109022.2 1 Apr/avr 2003 CN (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR MULTI-HOP COMMUNICATION MANAGEMENT IN WIRELESS COMMUNICATIONS NETWORKS

- PROCÉDE ET SYSTÈME POUR LA GESTION DE TRANSMISSIONS A BONDS MULTIPLES DANS DES RESEAUX DE TRANSMISSION SANS FIL

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(72, 75) SUN, Li [CN/CN]; Philips Electronics China, 21/F Kerry Office Building 218 Tian Mu Xi Road, 200070 Shanghai (CN).

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(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o van der Veer, Johannes, L., 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)⁷ H04L 12/56

(11) WO 2004/088936 (13) A2

(21) PCT/IB2004/000952

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 03100855.0 1 Apr/avr 2003 EP (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISCOVERING PROXIMATE APPARATUS AND SERVICES IN A WIRELESS NETWORK

- RECHERCHE D'APPAREILS ET DE SERVICES A PROXIMITE DANS UN RESEAU SANS FIL

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).

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(71) KONINKLIJKE PHILIPS ELECTRONICS N. V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).

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(72, 75) FALCK, Thomas [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). ESPINA PEREZ, Javier [ES/DE]; c/o Philips

- Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE). MAASS, Henning [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weissshausstr. 2, 52066 Aachen (DE).
- (74) VOLMER, Georg; 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)⁷ H04L 12/56, H04Q 11/04
- (11) WO 2004/088937 (13) A1
- (21) PCT/IE2004/000051
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) en (26) en
- (30) S2003/0235 31 Mar/mar 2003 IE (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • A METHOD AND SYSTEM FOR QUALITY OF SERVICE OPTIMISATION IN A DATA NETWORK
- PROCEDE ET SYSTEME D'OPTIMISATION DE LA QUALITE DU SERVICE DANS UN RESEAU DE DONNEES
- (71) CORVIL NETWORKS LIMITED [IE/IE]; Enterprise Center, Pearse Street, Dublin 2 (IE).
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- (72) LEWIS, John, Trevor (deceased / décédé).
- (72, 75) DAVEY, Matthew [GB/IE]; 19 Lombard Street West, South Circular Road, Dublin 8 (IE). DOWSE, Ian, Edward [IE/IE]; 15 Tivoli Terrace East, Dun Laoghaire, County Dublin (IE). MCGURK, Brian [IE/IE]; 1, 14 Heytesbury Street, Dublin 8 (IE). MEANEY, Michael [IE/IE]; 9 Castlefield Way, Knocklyon, Dublin 16 (IE). O'SULLIVAN, Donald [IE/IE]; 20 The Warehouse, Clanbrassil Terrace, Dublin 8 (IE).
- (74) O'CONNOR, Donal, H. et al. / etc.; Cruickshank & Co., 1 Holles Street, 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- MC NL PL PT RO 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)⁷ H04L 12/56, 13/08
- (11) WO 2004/088938 (13) A1
- (21) PCT/JP2003/004057
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • COMMUNICATION APPARATUS AND COMMUNICATION METHOD
- DISPOSITIF ET PROCEDE POUR LES COMMUNICATIONS
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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- (72, 75) YAMATSU, Katsuhiko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). EGUCHI, Nobuhiko [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 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)⁷ H04L 12/56, 12/66, H04M 3/00
- (11) WO 2004/088939 (13) A1
- (21) PCT/JP2003/004127
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SPEECH TRANSMITTER
- TRANSMETTEUR VOCAL
- (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) HORIE, Nobuyoshi [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) TAZAWA, Hiroaki et al. / etc.; 7F, Daito Bldg., 7-1, Kasumigaseki 3-Chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN IL 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)⁷ H04L 12/56, G06F 13/00, 15/177
- (11) WO 2004/088940 (13) A1
- (21) PCT/JP2003/004143
- (22) 31 Mar/mar 2003 (31.03.2003)
- (25) ja (26) ja
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • LOAD DISTRIBUTION SYSTEM
- SYSTEME DE REPARTITION DE CHARGE
- (71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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- (72, 75) KIKUCHI, Shunsuke [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, Azuma-cho, Hachioji-shi, Tokyo 192-0082 (JP).
- (81) JP US.
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- (51)⁷ H04L 12/56, 12/46
- (11) WO 2004/088941 (13) A1
- (21) PCT/JP2004/003340
- (22) 12 Mar/mar 2004 (12.03.2004)
- (25) ja (26) ja
- (30) 2003-092396 28 Mar/mar 2003 JP (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • NETWORK SYSTEM, COMMUNICATION METHOD, AND INFORMATION PROCESSING APPARATUS, METHOD AND PROGRAM
- SYSTEME DE RESEAU, PROCEDE DE COMMUNICATION ET DISPOSITIF, PROCEDE ET PROGRAMME DE TRAITEMENT DE DONNEES
- (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) KAWANO, Shinichi [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). AOKI, Yukihiko [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). ADACHI, Tadashi [JP/JP]; c/o SONY CORPORATION 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, 1410001 (JP). ARAKI, Shoji [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, Shinjyuku-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).

(51)⁷ H04L 12/58, 29/08, H04Q 7/22

(11) WO 2004/088942 (13) A1

(21) PCT/DE2004/000702

(22) 1 Apr/avr 2004 (01.04.2004)

(25) de (26) de

(30) 103 14 915.5 1 Apr/avr 2003 DE (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR IMMEDIATELY TRANSMITTING ELECTRONIC MESSAGES TO TELECOMMUNICATION TERMINALS

• PROCEDE DE TRANSMISSION IMMEDIATE DE MESSAGES ELECTRONIQUES A DES TERMINAUX DE TELECOMMUNICATION

(71) T-MOBILE DEUTSCHLAND GMBH [DE/DE]; Landgrabenweg 151, 53227 Bonn (DE).

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(72, 75) DAFFNER, Klaus [DE/DE]; Paul-Ehrlich-Strasse 50, 63225 Langen (DE). DARPEL, Hendrik [DE/DE]; Alvenslebenstrasse 4, 50668 Köln (DE). HAKE, Jens [DE/DE]; Südweg 4b, 09235 Burkhardtsdorf (DE).

(74) RIEBLING, Peter; Rennerle 10, 88131 Lindau (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)⁷ H04L 12/58, G06F 17/60, H04L 29/08

(11) WO 2004/088943 (13) A2

(21) PCT/US2004/009422

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 60/457,320 26 Mar/mar 2003 US (26.03.2003)

(30) 60/488,376 21 Jul/juil 2003 US (21.07.2003)

(30) 10/747,651 30 Dec/déc 2003 US (30.12.2003)

(30) 10/747,263 30 Dec/déc 2003 US (30.12.2003)

(30) 10/747,676 30 Dec/déc 2003 US (30.12.2003)

(30) 10/747,682 30 Dec/déc 2003 US (30.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IDENTIFYING AND USING IDENTITIES DEEMED TO BE KNOWN TO A USER

• IDENTIFICATION ET UTILISATION D'IDENTITES CENSEES ETRE CONNUES PAR UN UTILISATEUR

(63) US 60/457,320 (CON)

26 Mar/mar 2003 (26.03.2003)

US 60/488,376 (CON)

21 Jul/juil 2003 (21.07.2003)

US 10/747,651 (CON)

30 Dec/déc 2003 (30.12.2003)

US 10/747,263 (CON)

30 Dec/déc 2003 (30.12.2003)

US 10/747,676 (CON)

30 Dec/déc 2003 (30.12.2003)

US 10/747,682 (CON)

30 Dec/déc 2003 (30.12.2003)

(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, 75) BEN-YOSEPH, Roy [US/US]; 19914 Upland Terrace, Ashburn, VA 20147 (US).

APPELMAN, Barry [US/US]; 1003 Crest Lane, McLean, VA 22101 (US).

(74) RENNER, W., Karl; Fish & Richardson P.C., 1425 K Street, N.W. 11th Floor, Washington, DC 20005-3500 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT 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)⁷ H04L 13/08

(11) WO 2004/088944 (13) A1

(21) PCT/JP2003/004144

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DATA TRANSMITTER, DATA TRANSMITTING SYSTEM, AND TRANSMISSION SPEED CONVERTING METHOD

• TRANSMETTEUR DE DONNEES, SYSTEME DE TRANSMISSION DE DONNEES, ET PROCEDE DE CONVERSION DE VITESSE DE TRANSMISSION

(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) FUKUMITSU, Katsumi [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) 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)⁷ H04L 27/36, H03F 1/32

(11) WO 2004/088945 (13) A1

(21) PCT/EP2004/050295

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 0307372.3 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR LINEARIZATION IN A QUADRATURE TRANSMITTER

• PROCEDE ET APPAREIL POUR LA LINEARISATION DANS UN EMETTEUR EN QUADRATURE

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, Illinois 60196 (US).

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(71) MOTOROLA LIMITED [GB/GB]; Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).

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(72, 75) BEN-AYUN, Moshe [IL/IL]; Motorola Israel Limited, 3 Kremenetski Street, 67899 Tel Aviv (IL). NOCHAM, Gabriela [IL/IL]; Motorola Israel Limited, 3 Kremenetski Street, 67899 Tel Aviv (IL). ROZENTAL, Mark [IL/IL]; Motorola Israel Limited, 3 Kremenetski Street, 67899 Tel Aviv (IL).

(74) MCCORMACK, Derek J.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke Hampshire RG21 7PL (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)⁷ H04L 29/06, 12/66

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(21) PCT/EP2003/003295

(22) 29 Mar/mar 2003 (29.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TELECOMMUNICATION NETWORK FOR TRANSMITTING SS7 MESSAGES OVER IP

• RESEAU DE TELECOMMUNICATION POUR TRANSMETTRE DES

MESSAGES SS7 PAR MESSAGERIE
INTERPERSONNELLE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-164 83 Stockholm (SE).

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(74) **TONSCHEIDT, Andreas**; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (DE).

(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).

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 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 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)⁷ **H04L 29/06**

(11) **WO 2004/088947** (13) A1

(21) PCT/EP2003/003539

(22) **4 Apr/avr 2003 (04.04.2003)**

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR PROVISION OF ACCESS

• PROCEDE DE FOURNITURE D'ACCES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-164 83 Stockholm (SE).

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(72, 75) **BUSBOOM, Axel** [DE/DE]; Störnhöfer Berg 3, 91364 Unterleinleiter (DE). **HOLT-MANN, Silke** [DE/DE]; Wolfsgasse 26A, 52499 Baesweiler (DE). **QUINET, Raphael** [BE/BE]; Vise-Voie, 66, B-4000 Liege (BE). **SCHUBA, Marko** [DE/DE]; Am Schwanenkamp 68, 52457 Aldenhoven (DE).

(74) **TONSCHEIDT, Andreas**; Ericsson Eurolab Deutschland GmbH, Ericsson Allee 1, 52134 Herzogenrath (DE).

(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 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 :

(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 SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ 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)⁷ **H04L 29/06**

(11) **WO 2004/088948** (13) A1

(21) PCT/EP2004/002602

(22) **12 Mar/mar 2004 (12.03.2004)**

(25) de (26) de

(30) 103 14 927.9 **2 Apr/avr 2003 (02.04.2003)** DE

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR MAPPING THE SIGNALING OF THE WIRELESS VILLAGE STANDARD INTO THE IP MULTIMEDIA SUBSYSTEM STANDARD, AND ASSOCIATED DEVICE

• PROCEDE DE REPRESENTATION DE LA SIGNALISATION DE LA NORME WIRELESS VILLAGE DANS LA NORME DE SOUS-SYSTEME IP MULTIMEDIA ET DISPOSITIF ASSOCIE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) **BECKMANN, Mark** [DE/DE]; Helene-Engelbrecht-Str. 107, 38124 Braunschweig (DE). **ECKERT, Michael** [DE/DE]; Hilsstr. 1, 38122 Braunschweig (DE). **HANS, Martin** [DE/DE]; Sohldfeld 19, 31139 Hildesheim (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).

Published / Publiée : (c)

(51)⁷ **H04L 29/06**

(11) **WO 2004/088949** (13) A2

(21) PCT/EP2004/003500

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) de (26) de

(30) 103 15 111.7 **2 Apr/avr 2003 (02.04.2003)** DE

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR REDUCING LATENCY PERIODS DURING INTERACTIVE DATA COMMUNICATION BETWEEN A TERMINAL SERVER AND A TERMINAL SERVER CLIENT IN A GEO-STATIONARY SATELLITE NETWORK

• PROCEDE POUR REDUIRE LE TEMPS D'ATTENTE LORS DE LA COMMUNICATION DE DONNEES INTERACTIVE ENTRE UN SERVEUR DE TERMINAUX ET UN ORDINATEUR CLIENT DE SERVEUR DE TERMINAUX DANS UN RESEAU DE SATELLITES GEO-STATIONNAIRES

(71, 72) **ROCK, Klaus** [DE/DE]; Köhlerstrasse 13, 73432 Aalen (DE). **ROCK, Ute** [DE/DE]; Köhlerstrasse 13, 73432 Aalen (DE).

(74) **REBLE & KLOSE**; Patente + Marken, Postfach 12 15 19, 68066 Mannheim (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)⁷ **H04L 29/06**

(11) **WO 2004/088950** (13) A1

(21) PCT/IB2004/000737

(22) **15 Mar/mar 2004 (15.03.2004)**

(25) en (26) en

(30) 03007278.9 **31 Mar/mar 2003 (31.03.2003)** EP

(30) 10/787,974 **27 Feb/fév 2004 (27.02.2004)** US

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR FORWARDING A SERVICE-RELATED INFORMATION TO A NETWORK USER

• PROCEDE ET SYSTEME POUR RETRANSMETTRE DES INFORMATIONS RELATIVES A DES SERVICES A L'UTILISATEUR D'UN RESEAU

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

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- (72, 75) **HUOTARI, Seppo** [FI/FI]; Albergan Esplanadi 4 B 31, FIN-02600 Espoo (FI). **ROTSTEN, Kirsi** [FI/FI]; Tatartie 1 A 6, FIN-02620 Espoo (FI). **TUOHINO, Markku** [FI/FI]; Koivusyrjä 25 F, FIN-02130 Espoo (FI). **HYTTIÄ, Simo** [FI/FI]; Huvilarinne 9 B, FIN-02730 Espoo (FI). **MAYER, Georg** [DE/FI]; Kavallinpuisto 4 H, FIN-02710 Espoo (FI). **ISOMÄKI, Markus** [FI/FI]; Kurkijointie 15 B 4, FIN-02140 Espoo (FI). **KUUSINEN, Jarmo** [FI/FI]; Vaskontie 2 as. 4, FIN-40520 Jyväskylä (FI). **ELORANTA, Timo** [FI/FI]; Minna Canthinkatu 9 A 15, FIN-00250 Helsinki (FI).

- (74) **UNGERER, Olaf**; Eisenführ, Speiser & Partner, Arnulfstrasse 25, 80335 Munich (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)⁷ H04L 29/06

(11) WO 2004/088951 (13) A2

(21) PCT/US2004/009405

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 60/457,449 25 Mar/mar 2003 US (25.03.2003)

(30) 10/807,975 24 Mar/mar 2004 US (24.03.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTIMEDIA MESSAGE PROCESSING

• TRAITEMENT DE MESSAGES MULTIMEDIA

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)** [SE/SE]; Telefonplan, S-126 25 Stockholm (SE).

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(72, 75) **RAITH, Alex** [SE/US]; 4818 Camino Costado, San Clemente, CA 92673 (US). **SANDBERG, Edwin** [SE/SE]; Musserongangen 42, S-13534 Tyreso (SE). **SVEDBERG, Jonas** [SE/SE]; Lingonstigen 73, S-973 Lulea (SE).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)**; c/o David, E., Bennett, Coats & Bennett, P.L.L.C., P.O. Box 5, Raleigh, NC 27602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/06

(11) WO 2004/088952 (13) A2

(21) PCT/US2004/009607

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/402,920 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INTELLIGENT INTEGRATED NETWORK SECURITY DEVICE

• DISPOSITIF DE SECURITE DE RESEAU INTELLIGENT INTEGRE

(71) **NETSCREEN TECHNOLOGIES, INC.** [US/US]; 805 11th Ave., Building 3, Sunnyvale, CA 94089 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZUK, Nir** [IL/US]; 564 S. Oak Park Way, Redwood City, CA 94062 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 29/12

(11) WO 2004/088953 (13) A1

(21) PCT/GB2004/001329

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307408.5 31 Mar/mar 2003 GB (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD AND APPARATUS FOR ACCESSING DATA ON A COMPUTER NETWORK

• PROCEDE ET APPAREIL POUR L'ACCES AUX DONNEES SUR UN RESEAU INFORMATIQUE

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB];

81 Newgate Street, London, Greater London EC1A 7AJ (GB).

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(72, 75) **SIMPSON, Steven** [GB/GB]; 10 Johnson Close, Crag Bank, Carnforth, Lancashire LA5 9UJ (GB). **HUTCHISON, David** [GB/GB]; 4 Fairfield Close, Lancaster, Lancashire LA1 5NT (GB).

(74) **WILLIAMSON, Simeon, Paul**; BT Group Legal, Intellectual Property Department, PP: C5A BT Centre, 81 Newgate Street, London, Greater London EC1A 7AJ (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)⁷ H04L 29/12, 29/06

(11) WO 2004/088954 (13) A1

(21) PCT/US2004/009324

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/401,902 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NETWORK ADDRESS TRANSLATION WITH GATEWAY LOAD DISTRIBUTION

• TRADUCTION D'ADRESSE RESEAU COMPORTANT UNE DISTRIBUTION DE LA CHARGE DES PASSERELLES

(71) **CISCO TECHNOLOGY, INC.** [US/US]; 170 West Tasman Drive, San Jose, CA 95134 (US).

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(72, 75) **SATAPATI, Suresh** [IN/US]; 1000 Escalon Avenue, #H 1064, Sunnyvale, CA 94085 (US). **WILSON, Ian, Herbert** [GB/GB]; 1 Westhall Gardens, Edinburgh Midlothian EH10 4JJ (GB). **MCLAGGAN, Douglas** [GB/GB]; 80 East Craigs Rigg, Edinburgh Midlothian EH12 8JA (GB).

(74) **WEAVER, Jeffrey, 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).

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(51)⁷ H04M

(11) WO 2004/088955 (13) A2

(21) PCT/US2004/010051

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 60/459,281 31 Mar/mar 2003 US (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A WIRELESS MOBILE PHONE WITH AUTHENTICATED MODE OF OPERATION INCLUDING HEART BEAT PROFILE BASED AUTHENTICATION

- TELEPHONE MOBILE SANS FIL AVEC AUTHENTIFICATION DU MODE DE FONCTIONNEMENT, Y COMPRIS UNE AUTHENTIFICATION FONDÉE SUR UN PROFIL DU RYTHME CARDIAQUE

(71) WILDSEED LTD. [US/US]; 10210 NE Points Drive, Suite 300, Kirkland, WA 98033 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ENGSTROM, Eric, G. [US/US]; 12415 Holmes Pt. Drive, NE, Kirkland, WA 98033 (US).

(74) AU YEUNG, Aloysius, T.C. et al. / etc.; Schwabe, Williamsson & Wyatt, P.C., Pacific West Center, Suites 1600-1900, 1211 SW Fifth Avenue, Portland, OR 97204-3795 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/00, 11/00

(11) WO 2004/088956 (13) A1

(21) PCT/AU2004/000414

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003901754 31 Mar/mar 2003 AU (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A SYSTEM FOR CONTROLLING TELECOMMUNICATION OPERATIONS

- SYSTEME DE COMMANDE D'OPERATIONS DE TELECOMMUNICATIONS

(71) IDT SYSTEMS PTY LTD [AU/AU]; P.O. Box 37, Chirnside Park, Victoria 3116 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DANIELS, Barry [AU/AU]; P.O. Box 37, Chirnside Park, Victoria 3116 (AU). PICKNELL, David [AU/AU]; P.O. Box 37, Chirnside Park, Victoria 3116 (AU). ROGERS, Martin [AU/AU]; P.O. Box 37, Chirnside Park, Victoria 3116 (AU).

(74) GRIFFITH HACK; P O Box 3125, Level 10, 167 Eagle Street, Brisbane, Queensland 4001 (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)⁷ H04M 1/02

(11) WO 2004/088957 (13) A1

(21) PCT/EP2004/001627

(22) 19 Feb/fév 2004 (19.02.2004)

(25) de (26) de

(30) 103 14 311.4 31 Mar/mar 2003 DE (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SHIFT MECHANISM FOR A TWO-PART MOBILE RADIO DEVICE

- MECANISME COULISSANT POUR UN APPAREIL RADIOTELEPHONIQUE MOBILE EN DEUX PARTIES

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERCHTENBREITER, Andreas [DE/DE]; Hörnleweg 1, 82418 Murnau (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 1/22, 1/23, H01H 13/70

(11) WO 2004/088958 (13) A1

(21) PCT/EP2004/050413

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307520.7 1 Apr/avr 2003 GB (01.04.2003)

(30) 0307611.4 2 Apr/avr 2003 GB (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • KEY FOR A MOBILE DEVICE

- TOUCHE POUR UN DISPOSITIF MOBILE

(71) VERTU LTD [GB/GB]; 51 Eastcheap, London, Greater London EC3M 1JP (GB).

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(72, 75) HUTCHISON, Mark [GB/GB]; Chalgans, Beech Hill Road, Arford, Headley, Hampshire GU35 8DB (GB). MILLAR, Caroline [GB/GB]; Glenmore, 20 Liners Wood Close, Bramley, Surrey GU5 0EG (GB).

(74) JONES, Kendra et al. / etc.; Nokia IPR Department, Nokia House, Summit Avenue, Farnborough, Hampshire GU14 0NG (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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(21) PCT/EP2004/001511

(22) 18 Feb/fév 2004 (18.02.2004)

(25) de (26) de

(30) 203 05 451.2 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MOBILE TELECOMMUNICATION DEVICE, SYSTEM AND METHOD FOR MAKING AN EMERGENCY CALL CONNECTION

- APPAREIL DE TELECOMMUNICATION MOBILE ET SYSTEME ET PROCEDE POUR LANCER UN APPEL DE DETRESSE

(71, 72) REHWALD, Jörg [DE/DE]; Eppendorfer Baum 18, 20249 Hamburg (DE).

(74) REHWALD, Jörg; Rehwald & Partner GmbH, Eppendorfer Baum 18, 20249 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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ H04M 1/725

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(21) PCT/GB2004/001359

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 0307399.6 31 Mar/mar 2003 GB
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SENSORY OUTPUT DEVICES

- DISPOSITIFS A SORTIES SENSO-RIELLES

(71) BRITISH TELECOMMUNICATIONS
PUBLIC LIMITED COMPANY [GB/GB];
81 Newgate Street, London, Greater London
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don, Greater London EC1A 7AJ (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)⁷ H04M 1/725, 1/00, H04Q 7/38

(11) WO 2004/088961 (13) A1

(21) PCT/JP2004/003837

(22) 22 Mar/mar 2004 (22.03.2004)

(25) ja (26) ja

(30) 2003-092549 28 Mar/mar 2003 JP
(28.03.2003)

(30) 2003-092548 28 Mar/mar 2003 JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MOBILE TELEPHONE AND WAIT
SCREEN DISPLAY METHOD

- TELEPHONE MOBILE ET PROCEDE
D'AFFICHAGE D'ECRAN D'ATTENTE

(71) SANYO ELECTRIC CO. LTD. [JP/JP];
5-5, Keihanondori 2-chome, Moriguchi-shi
Osaka, 5700083 (JP). SANYO TELECOM-
MUNICATIONS CO. LTD. [JP/JP]; 1-1,
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les États désignés sauf US)*

(72, 75) HISAMITSU, Takanobu, KIYOTA,
Kenji,

(74) NAKAJIMA, Shiro,; 6F, Yodogawa
5-Bankan, 2-1, Toyosaki 3-chome, Os-
aka-shi, Kita-ku Osaka, 531-0072 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN 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)⁷ H04M 3/51, 3/42, 3/432, G06F 17/60

(11) WO 2004/088962 (13) A1

(21) PCT/JP2003/004145

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PROGRESSIVE DIALING DEVICE
AND PROGRESSIVE DIALING
METHOD

- PROCEDE ET DISPOSITIF POUR
COMPOSER PROGRESSIVEMENT
LES NUMEROS DE TELEPHONE

(71) FUJITSU LIMITED [JP/JP]; 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
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les États désignés sauf US)*

(72, 75) TAKEUCHI, Jun [JP/JP]; c/o FUJITSU
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211-8588 (JP).

(74) HATTORI, Kiyoshi; Hattori Patent Office,
GE EDISON Bldg. Hachioji, 9-8, Azuma-
cho, 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 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)⁷ H04M 3/56, 3/42

(11) WO 2004/088963 (13) A1

(21) PCT/GB2004/001296

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307720.3 3 Apr/avr 2003 GB
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD OF SETTING
UP A TELEPHONE CONFERENCE

- SYSTEME ET PROCEDE DESTINES A
ETABLIR UNE CONFERENCE TELE-
PHONIQUE

(71) INTELLPROP LIMITED; P.O. Box 626,
National Westminster House, Le Truchot St
Peter Port, Guernsey, Channel Islands (GB).
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les États désignés sauf US)*

(72, 75) WILSON, Jeffrey [GB/GB]; 53 Kiln
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(74) D YOUNG & CO; 21 New Fetter Lane, Lon-
don EC4A 1DA (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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(30) 103 14 540.0 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND CONTROL PROGRAM
FOR SUPPLYING MULTIVALUE SER-
VICES TO COMMUNICATION TERMI-
NALS

- PROCEDE ET PROGRAMME DE COM-
MANDE PERMETTANT DE FOURNIR
DES SERVICES A VALEUR AJOUTEE
A DES TERMINAUX DE COMMUNI-
CATION

(71) SIEMENS AKTIENGESELLSCHAFT
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München (DE).
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les États désignés sauf US)*

(72, 75) **BURGER, Manfred** [DE/DE]; Auf der Grün 36, 83714 Miesbach (DE). **HOHL, Hubertus** [DE/DE]; Peter-Henlein-Str. 18, 85540 Haar (DE). **LEDERER, Thomas** [DE/DE]; Ludwig-Braille-Str. 10, 81379 München (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)⁷ H04M 11/06, G06F 3/06

(11) WO 2004/088965 (13) A1

(21) PCT/FR2004/000268

(22) 5 Feb/fév 2004 (05.02.2004)

(25) fr (26) fr

(30) 03/03736 26 Mar/mar 2003 FR (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INFORMATION-TRANSMISSION DEVICE WHICH IS BUILT INTO A TELEPHONE SOCKET

• DISPOSITIF DE TRANSMISSION D'INFORMATIONS INTEGRE DANS UNE PRISE TELEPHONIQUE

(71) **FRANCE TELECOM** [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).

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(72, 75) **BERGE, Jean-Michel** [FR/FR]; 2, allée du Saint-Eynard, F-38330 Saint Nazaire les Eymes (FR). **VACQUIE, Luc** [FR/FR]; Bel Air, F-31380 Saint Jean L'Herm (FR).

(74) **FRICHEDE, Michel** et al. / etc.; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04M 11/06

(11) WO 2004/088966 (13) A1

(21) PCT/FR2004/000476

(22) 1 Mar/mar 2004 (01.03.2004)

(25) fr

(30) 03 03735 26 Mar/mar 2003 FR (26.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR COMMUNICATING OVER A TELECOMMUNICATION NETWORK, COMPRISING SOFTWARE CONTROL MEANS

• DISPOSITIF DE COMMUNICATION SUR UN RESEAU DE TELECOMMUNICATION COMPORTANT DES MOYENS LOGICIELS DE PILOTAGE

(71) **FRANCE TELECOM** [FR/FR]; 6 Place d'Alleray, F-75015 Paris (FR).

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(72, 75) **VACQUIE, Luc** [FR/FR]; Bel Air, F-31380 Saint Jean L'Herm (FR). **BERGE, Jean-Michel** [FR/FR]; 2 allée du Saint-Eynard, F-38330 Saint Nazaire les Eymes (FR).

(74) **HABASQUE, Etienne** et al. / etc.; 2 place d'Estienne d'Orves, F-75441 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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(25) en (26) en

(30) 10/403,103 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VIDEO ENCODER WITH MULTIPLE OUTPUTS HAVING DIFFERENT ATTRIBUTES

• ENCODEUR VIDEO A SORTIES MULTIPLES PRESENTANT DIFFERENTS ATTRIBUTS

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

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(72, 75) **OTA, Takaaki** [US/US]; 12535 Parish Road, San Diego, CA 92128 (US). **DESCH, Dave** [US/US]; 14994 Huntington Gate Drive, Poway, CA 92064 (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).

(51)⁷ H04N

(11) WO 2004/088968 (13) A2

(21) PCT/US2004/009291

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/397,658 26 Mar/mar 2003 US (26.03.2003)

(30) 10/635,406 6 Aug/août 2003 US (06.08.2003)

(30) 10/658,131 9 Sep/sep 2003 US (09.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A DIGITAL STREAM TRANSCODER WITH A HYBRID-RATE CONTROLLER

• TRANSCODEUR A FLUX NUMERIQUE A CONTROLEUR DE DEBIT HYBRIDE

(71) **SCIENTIFIC-ATLANTA, INC.** [US/US]; 5030 Sugarloaf Parkway, Lawrenceville, GA 30044 (US).

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(72, 75) **SCHOENBLUM, Joel** [US/US]; 230 Lochan Cove, Alpharetta, GA 30022 (US).

(74) **COUTURIER, Shelley, L.** et al. / etc.; Scientific-Atlanta, Inc., Intellectual Property Dept., 5030 Sugarloaf Parkway, Lawrenceville, GA 30044 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 1/047

(11) WO 2004/088969 (13) A1

(21) PCT/IL2003/000269

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DYNAMIC POSITION ADJUSTING DEVICE

• REGLAGE DE POSITION DYNAMIQUE

(71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, HOUSTON, TX 77070 (US).

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(72, 75) LIVNE, Haim [IL/IL]; 36/17 ROTH-SCHILD STREET, 44449 KFAR SABA (IL). BREEN, Craig [IL/IL]; 16 EZRA STREET, 76201 REHOVOT (IL). PLOTKIN, Michael [IL/IL]; 10/5 BERI STREET, 76352 REHOVOT (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE 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 :

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(51)⁶ H04N 1/21, 1/00, G06F 17/30

(11) WO 2004/088970 (13) A1

(21) PCT/JP1998/005006

(22) 6 Nov/nov 1998 (06.11.1998)

(25) ja (26) ja

(30) 9/366787 26 Dec/déc 1997 JP (26.12.1997)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE FORMING DEVICE CHANGING PARAMETERS OF DOCUMENT FILE DATA

• DISPOSITIF IMAGEUR CHANGEANT LES PARAMETRES DE FICHIERS DE DONNEES

(71, 72) TAKEDA, Yoshiko [JP/JP]; B329, Kurcare-Toshiba-Nakadai, 33-12, Higashit-erakadai, Tsurumi-ku, Yokohama-shi, Kanagawa-ken 230-0017 (JP). OGAKI, Takeshi [JP/JP]; 2-1-1-203, Toyogaoka, Tama-shi, Tokyo, 206-0031 (JP).

(74) SUZUYE, Takehiko et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiy-oda-ku, Tokyo 100-0013 (JP).

(81) US.

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(51)⁷ H04N 1/387

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(21) PCT/JP2004/004063

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-93941 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE EDITION SERVICE SYSTEM AND SCREEN INFORMATION GENERATION METHOD

• SYSTEME DE SERVICE D'EDITION D'IMAGE ET PROCEDE DE GENERATION D'INFORMATIONS A L'ECRAN

(71) KONICA MINOLTA HOLDINGS, INC. [JP/JP]; 6-1, Marunouchi 1-chome, Chiy-oda-ku, Tokyo 100-0005 (JP).

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(72, 75) MARIKAWA, Yuuichi [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). HARAGA, Hideaki [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). MURATA, Shinji [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). YAMAUCHI, Reiko [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 1, Sakura-machi, Hino-shi, Tokyo 191-8511 (JP). NARUMIYA, Tsuyoshi [JP/JP]; c/o Konica Minolta Photo Imaging, Inc., 26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 163-0512 (JP). TAMURA, Tomoaki [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 SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 1/41, 7/30

(11) WO 2004/088972 (13) A1

(21) PCT/JP2004/003918

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2003-090825 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE PROCESSING METHOD AND APPARATUS

• PROCEDE ET DISPOSITIF DE TRAITEMENT D'IMAGES

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 (JP).

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(72, 75) KADOWAKI, Yukio [JP/JP]; 242-6, Hourencho, Nara-shi, Nara 6308113 (JP).

(74) ITOH, Tadahiko; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 1/41, 7/30

(11) WO 2004/088973 (13) A1

(21) PCT/JP2004/003970

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 2003-091307 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE COMPRESSION DEVICE AND METHOD

• DISPOSITIF ET METHODE DE COMPRESSION D'IMAGE

(71) RICOH COMPANY, LTD. [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo 1438555 (JP).

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(72, 75) KADOWAKI, Yukio [JP/JP]; 242-6, Hourencho, Nara-shi, Nara 6308113 (JP).

(74) ITOH, Tadahiko; Yebisu Garden Place Tower, 32nd Floor, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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 SJ SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 1/41, 7/30

(11) WO 2004/088974 (13) A1

(21) PCT/JP2004/004047

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 2003-090792 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE COMPRESSING APPARATUS THAT ACHIEVES DESIRED CODE AMOUNT

• APPAREIL DE COMPRESSION D'IMAGE PRODUISANT UNE VALEUR DE CODE DESIREE

(71) **RICOH COMPANY LTD.** [JP/JP]; 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo, 1438555 (JP).
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(72, 75) **KADOWAKI, Yukio** [JP/JP]; 242-6, Hourencho, Nara-shi, Nara, 6308113 (JP).

(74) **ITO, Tadahiko**; 32nd Floor, Yebisu Garden Place Tower, 20-3, Ebisu 4-chome, Shibuya-ku, Tokyo, 1506032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 1/60, 1/52

(11) **WO 2004/088975** (13) A2

(21) PCT/US2004/009472

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) en (26) en

(30) 10/404,972 **31 Mar/mar 2003 US (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS AND APPARATUS FOR DYNAMICALLY SOFT PROOFING HALFTONE IMAGES

• PROCEDES ET APPAREIL D'EPREUVAGE DYNAMIQUE A L'ECRAN D'IMAGES SIMILI

(71) **ELECTRONICS FOR IMAGING, INC.** [US/US]; 303 Velocity Way, Foster City, CA 94404 (US).
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(72) **MARSDEN, Jonathan**; 1844 Randall Road, San Mateo, CA 94402 (US). **FALK, Richard**; 31 Kinross Drive, San Rafael, CA 94901-2419 (US). **MACY, David**; 1419 Perez Drive, Pacifica, CA 94404 (US).

(74) **TROSINO, James**; 268 Bush Street, #3434, San Francisco, CA 94104 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 5/225

(11) **WO 2004/088976** (13) A1

(21) PCT/JP2003/004076

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ILLUMINATION CONTROL DEVICE
• DISPOSITIF DE COMMANDE D'ECLAIRAGE

(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) **MURAKUMO, Masashi** [JP/JP]; c/o FUJITSU KYUSHU DIGITAL TECHNOLOGY LIMITED, 22-8, Hakataekimae 3-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP). **NATORI, Hiroaki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **IKEDA, Osamu** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **MARUTA, Yutaka** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **IKEDA, Kunihiro** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **HIDAKA, Shinji** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **SASAKI, Nobumasa** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **AMAMOTO, Tamotsu** [JP/JP]; c/o FUJITSU KYUSHU DIGITAL TECHNOLOGY LIMITED, 22-8, Hakataekimae 3-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP). **NAKASHIMA, Hiroyuki** [JP/JP]; c/o FUJITSU KYUSHU DIGITAL TECHNOLOGY LIMITED, 22-8, Hakataekimae 3-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0011 (JP).

(74) **MOIZUMI, Shuji**; 25-27-809, Takanawa 3-chome, Minato-ku, Tokyo 108-0074 (JP).

(81) JP US.

(51)⁷ H04N 5/225

(11) **WO 2004/088977** (13) A1

(21) PCT/JP2004/003067

(22) **10 Mar/mar 2004 (10.03.2004)**

(25) ja (26) ja

(30) 2003-094932 **31 Mar/mar 2003 JP (31.03.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CARD INSTALLATION DEVICE
• DISPOSITIF D'INSTALLATION DE CARTE

(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) **AMANO, Hiromi** **MORIYASU, Yoshitada**

(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)⁷ H04N 5/262, 5/268

(11) **WO 2004/088978** (13) A1

(21) PCT/AU2004/000441

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 2003901532 **4 Apr/avr 2003 AU (04.04.2003)**

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BROADCAST CONTROL
• COMMANDE DE DIFFUSION

(71) **EVOLUTION BROADCAST PTY LIMITED** [AU/AU]; Cnr Epping and Delhi Roads, North Ryde, NSW 2113 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STONEHAM, Mark** [AU/AU]; Royalist Road, Mosman, NSW 2088 (AU). **GRIGGS, David** [AU/AU]; Berowra Waters Road, Berowra Heights, NSW 2082 (AU). **SABINE, David** [GB/AU]; Cumberland Avenue, Collaroy, NSW 2097 (AU). **CAVES, Matthew** [GB/AU]; Sterling Circuit, Camperdown, NSW 2050 (AU). **BROADBRIDGE, Graham** [AU/AU]; Doncaster Avenue, West Pymble, NSW 2073 (AU). **REZNIK, Michael** [AU/AU]; Broome Street, Maroubra, NSW 2035 (AU). **GREALY, Colin** [IE/AU]; Sir John Young Crescent, Woolloomooloo, NSW 2011 (AU). **MORRISON, Craig** [NZ/AU]; Campbell Street, Artarmon, NSW 2064 (AU). **BARNETT, Thomas** [AU/AU]; Parriwi Road, Mosman, NSW 2088 (AU). **MCMILLAN, Christopher** [AU/AU]; Dalton Road, St Ives, NSW 2075 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (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)⁷ H04N 5/335, G06T 1/00

(11) WO 2004/088979 (13) A1

(21) PCT/JP2003/003987

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PHOTOGRAPHING APPARATUS, PHOTOGRAPHING METHOD AND COMPUTER PROGRAM

• APPAREIL PHOTOGRAPHIQUE, PROCÉDE PHOTOGRAPHIQUE ET PROGI- CIEL ASSOCIÉ

(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)

(71) FUJITSU PERIPHERALS LIMITED [JP/JP]; 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP).

(only for / seulement pour JP)

(72, 75) FUKUI, Satoshi [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). SUGIURA, Takayuki [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). MIKI, Atsushi [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). KIMURA, Shuji [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). CHINZEI, Kiyoshi [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). NAKANO, Mieko [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). FUJIMOTO, Naoyuki [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). GOTOH, Mitsuhiro [JP/JP]; c/o FUJITSU PERIPHERALS LIMITED, 35, Saho, Yashiro-cho, Kato-gun, Hyogo 673-1447 (JP). ENDOH, Toshio [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). AOKI, Takahiro [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). FUKUDA, Mitsuaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). WATANABE, Masaki [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). SASAKI, Shigeru [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) KUBO, Yukio; Oriental Chisan Building, 1-26, Nishinakajima 7-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (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 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)⁷ H04N 5/76

(11) WO 2004/088980 (13) A1

(21) PCT/JP2004/004644

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-096176 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INFORMATION RECORDING/REPRODUCTION DEVICE AND RECORDING SYSTEM THEREOF

• DISPOSITIF D'ENREGISTREMENT/REPRODUCTION DE DONNEES ET SON SYSTEME D'ENREGISTREMENT

(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) KONDO, Hiroyuki KAWASAKI, Kojiro

(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)⁷ H04N 5/91, 7/18, 7/13

(11) WO 2004/088981 (13) A1

(21) PCT/JP2003/004117

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MONITORING SYSTEM
• SYSTEME DE SURVEILLANCE

(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) OGAWA, Kiyotaka [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)⁷ H04N 5/93, G11B 27/10, 20/10, 20/12

(11) WO 2004/088982 (13) A1

(21) PCT/JP2004/004108

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-091169 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(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) NORITAKE, Toshiya

(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)⁷ H04N 7/00

(11) WO 2004/088983 (13) A2

(21) PCT/IB2004/000972

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307694.0 3 Apr/avr 2003 GB (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • BROADCAST DELIVERY TO A WIRELESS DEVICE

• ACHEMINEMENT DE MEDIAS ELECTRONIQUES A UN DISPOSITIF SANS FIL

(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) HOULDSWORTH, Richard, J. [GB/GB]; c/o Philips Intellectual Property &

- Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). BENJES, Immo [DE/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).
- 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)⁷ H04N 7/01, G11B 27/031, 27/10, H04N 5/92
- (11) WO 2004/088984 (13) A1
- (21) PCT/GB2004/001492
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 60/460,649 4 Apr/avr 2003 US (04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • VIDEO DATA STORAGE AND RETRIEVAL SYSTEM AND METHOD WITH RESOLUTION CONVERSION
• SYSTEME ET PROCEDE DE STOCKAGE ET DE RECHERCHE DE DONNEES VIDEO AVEC CONVERSION DE LA RESOLUTION
- (71) BBC TECHNOLOGY HOLDINGS LIMITED [GB/GB]; Broadcasting House, Portland Place, London W1A 1AA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOETTER, Michael [US/US]; BBC Technology Consultancy LLC, 10 Tenth Street Suite 1050, Atlanta, GA 30309 (US).
- (74) KAZI, Ilya 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H04N 7/16
- (11) WO 2004/088985 (13) A1
- (21) PCT/GB2004/001459
- (22) 5 Apr/avr 2004 (05.04.2004)
- (25) en (26) en
- (30) 0307763.3 4 Apr/avr 2003 GB (04.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • SYSTEM FOR BROADCASTING ADVERTISEMENTS
• SYSTEME DE DIFFUSION D'ANNONCES PUBLICITAIRES
- (71) THE ZAP CORPORATION (UK) LIMITED [GB/GB]; 23 Derwent Crescent, Stanmore, Middlesex HA7 2NE (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JOHNSON, John, Peter [GB/GB]; 23 Derwent Crescent, Stanmore, Middlesex HA7 2NE (GB).
- (74) I.P. 21 LIMITED; Norwich Research Park, Colney, Norwich NR4 7UT (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 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)⁷ H04N 7/173, H04M 11/00, H04B 7/26, H04H 9/00
- (11) WO 2004/088986 (13) A1
- (21) PCT/JP2004/004452
- (22) 29 Mar/mar 2004 (29.03.2004)
- (25) ja (26) ja
- (30) 2003-096077 31 Mar/mar 2003 JP (31.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • INFORMATION PROCESSING METHOD LINKED WITH BROADCAST
• PROCEDE DE TRAITEMENT D'INFORMATIONS DE RADIODIFFUSION
- (71) CYBIRD CO., LTD. [JP/JP]; Roppongi Hills Mori Tower, 10-1, Roppongi 6-chome, Minato-ku, Tokyo 1066122 (JP). IMAGICA DC21, INC. [JP/JP]; 14-1, Higashi Gotanda 2-chome, Shinagawa-ku, Tokyo 1410022 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TERADA, Shinji [JP/JP]; c/o Cybird Co., Ltd., Roppongi Hills Mori Tower, 10-1, Roppongi 6-chome, Minato-ku, Tokyo 1066122 (JP). SUZUKI, Nobuya [JP/JP]; c/o Cybird Co., Ltd., Roppongi Hills Mori Tower, 10-1, Roppongi 6-chome, Minato-ku, Tokyo 1066122 (JP). SHIBUYA, Akinori [JP/JP]; c/o Cybird Co., Ltd., Roppongi Hills Mori Tower, 10-1, Roppongi 6-chome, Minato-ku, Tokyo 1066122 (JP). KISHI, Toru [JP/JP]; c/o Imagic DC21, Inc., 14-1, Higashi Gotanda 2-chome, Shinagawa-ku, Tokyo 1410022 (JP). SAKAGUCHI, Hiroyasu [JP/JP]; c/o Imagic DC21, Inc., 14-1, Higashi Gotanda 2-chome, Shinagawa-ku, Tokyo 1410022 (JP). TAGUCHI, Kazuhiro [JP/JP]; c/o Imagic DC21, Inc., 14-1, Higashi Gotanda 2-chome, Shinagawa-ku, Tokyo 1410022 (JP).
- (74) SERA, Kazunobu 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)⁷ H04N 7/173, H04H 1/00
- (11) WO 2004/088987 (13) A1
- (21) PCT/JP2004/004673
- (22) 31 Mar/mar 2004 (31.03.2004)
- (25) ja (26) ja

(30) 2003-096283 **31 Mar/mar 2003 JP**
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DIGITAL TERRESTRIAL BROADCASTING SYSTEM, DIGITAL TERRESTRIAL BROADCASTING RIGHT PROTECTION DEVICE, DIGITAL TERRESTRIAL BROADCASTING RIGHT PROTECTION METHOD, AND PROGRAM

• DIFFUSION TERRESTRE NUMERIQUE : SYSTEME, DISPOSITIF DE PROTECTION DES DROITS, METHODE DE PROTECTION DES DROITS, ET PROGRAMME

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOHIYAMA, Kiyoshi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP). MASHIMO, Seiichi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP). YOSHIZAWA, Hirokazu [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 2118588 (JP).

(74) SAKAI, Hiroaki; Sakai International Patent Office, Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO 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)⁷ H04N 7/24

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(21) PCT/JP2004/004374

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/404,947 **31 Mar/mar 2003 US**
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VIDEO ENCODER AND METHOD OF ENCODING VIDEO

• CODEUR VIDEO ET PROCEDE DE CODAGE VIDEO

(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) DESHPANDE, Sachin, Govind [IN/US]; 16900 SE 26th Drive #T13, Vancouver, WA 98683 (US).

(74) TAKANO, Akichika; Nagisa Patent Office, 9th Floor, Salute Bldg., 72, Yoshida-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0041 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/IB2004/001010

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(25) en (26) en

(30) 03290852.7 **4 Apr/avr 2003 EP**
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • VIDEO ENCODING AND DECODING METHODS AND CORRESPONDING DEVICES

• PROCEDES DE CODAGE ET DE DECODAGE VIDEO ET DISPOSITIFS CORRESPONDANTS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, 5621 BA Eindhoven (NL).
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(72, 75) DUFOUR, Cécile [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). MARQUANT, Gwennaelle [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR). VALENTE, Stéphane [FR/FR]; c/o Société Civile SPID, 156 Boulevard Haussmann, F-75008 Paris (FR).

(74) LANDOUSY, Christian; 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)⁷ H04N 7/56, 5/765

(11) WO 2004/088990 (13) A2

(21) PCT/GB2004/001506

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 60/460,649 **4 Apr/avr 2003 US**
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MEDIA STORAGE CONTROL

• COMMANDE DE STOCKAGE DE CONTENU MULTIMEDIA

(71) BBC TECHNOLOGY HOLDINGS LIMITED [GB/GB]; Broadcasting House, Portland Place, London W1A 1AA (GB).
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(72, 75) MURRAY, Stuart [GB/GB]; c/o BBC Technology Limited, Stadium House, London W12 7TA (GB). CONWAY, Neville [GB/GB]; c/o BBC Technology Limited, Stadium House, London W12 7TA (GB).

(74) KAZI, Ilya 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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 9/00

(11) WO 2004/088991 (13) A2

(21) PCT/IB2004/050344

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03100899.8 **4 Apr/avr 2003** EP
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • USING AN ELECTRONIC PAPER-BASED SCREEN TO IMPROVE CONTRAST

• UTILISATION D'UN ECRAN EN PAPIER ELECTRONIQUE POUR OBTENIR UN CONTRASTE AMELIORE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) BAKER, Keith [GB/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VAN DEN HOOVEN, Jan; 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)⁷ H04N 9/07

(11) WO 2004/088992 (13) A1

(21) PCT/JP2004/004258

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-092071 **28 Mar/mar 2003** JP
(28.03.2003)

(30) 2003-416796 **15 Dec/déc 2003** JP
(15.12.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGE PROCESSING DEVICE AND IMAGE PROCESSING PROGRAM

• DISPOSITIF ET PROGRAMME DE TRAITEMENT D'IMAGE

(71) OLYMPUS CORPORATION [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 1510072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TSUKIOKA, Taketo [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)⁷ H04N 9/64

(11) WO 2004/088993 (13) A1

(21) PCT/JP2004/003346

(22) 12 Mar/mar 2004 (12.03.2004)

(25) ja (26) ja

(30) 2003-090611 **28 Mar/mar 2003** JP
(28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • IMAGING DEVICE

• DISPOSITIF DE FORMATION D'IMAGES

(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) NAKABAYASHI, Kiyotaka [JP/JP]SATO, Nobuyuki [JP/JP]NAKAJIMA, Ken [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)⁷ H04N 13/00

(11) WO 2004/088994 (13) A1

(21) PCT/EP2004/001466

(22) 17 Feb/fév 2004 (17.02.2004)

(25) de (26) de

(30) 203 05 278.1 **2 Apr/avr 2003** DE
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DEVICE FOR TAKING INTO ACCOUNT THE VIEWER'S POSITION IN THE REPRESENTATION OF 3D IMAGE CONTENTS ON 2D DISPLAY DEVICES

• DISPOSITIF TENANT COMPTE DE L'EMPLACEMENT D'UN OBSERVEUR LORS DE LA REPRESENTATION DE CONTENUS IMAGE 3D SUR DES DISPOSITIFS DE VISUALISATION 2D

(71) DAIMLERCHRYSLER AG [DE/DE]; Eplestrasse 225, 70567 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REGENBRECHT, Holger [DE/DE]; Hölderlinstrasse 13, 89134 Blaustein (DE).

(74) LINDNER-VOGT, Karin et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).

(81) JP US.

Published / Publiée : (a)

(51)⁷ H04N 13/00, G02B 27/22

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(21) PCT/IB2004/050335

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03100838.6 **31 Mar/mar 2003** EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • AUTOSTEREOSCOPIC DISPLAY

• DISPOSITIF AUTOSTEREOSCOPIQUE

(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) IJZERMAN, Willem, L. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). KRIJN, Marcellinus, P., C., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) VAN DEN HOOVEN, Jan; 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).

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)⁷ H04N 13/00, G02B 27/22

(11) WO 2004/088996 (13) A1

(21) PCT/IB2004/050337

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 03100839.4 31 Mar/mar 2003 EP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • DISPLAY DEVICE AND METHOD OF
DISPLAYING DATA THEREON

• DISPOSITIF D’AFFICHAGE ET PRO-
CEDE D’AFFICHAGE DE DONNEES
SUR CELUI-CI

(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) CORNELISSEN, Hugo, J. [NL/NL];
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hoven (NL).

(74) VAN DEN HOOVEN, Jan; 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)⁷ H04Q

(11) WO 2004/088997 (13) A2

(21) PCT/IB2004/001247

(22) 5 Apr/avr 2004 (05.04.2004)

(25) en (26) en

(30) 0307764.1 3 Apr/avr 2003 GB
(03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SIGNALLING INFORMATION

• INFORMATIONS DE SIGNALISATION

(71) NOKIA CORPORATION [FI/FI];
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les États désignés sauf US)

(72, 75) WALSH, Rod [GB/FI]; Kelkkakatu 4 B
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Harri [FI/FI]; Kutteritie 1 B 12, FIN-33950
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(74) DERRY, Paul et al. / etc.; Venner, Shipley
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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)⁷ H04Q

(11) WO 2004/088998 (13) A2

(21) PCT/IB2004/000934

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 10/408,057 4 Apr/avr 2003 US
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS PROVID-
ING UNBIASED SIGNAL-TO-NOISE
RATIO ESTIMATION AND ITS AP-
PLICATION TO DISCONTINUOUS
TRANSMISSION DETECTION

• PROCEDE ET APPAREIL PERMET-
TANT UNE ESTIMATION SANS
DISTORSION DU RAPPORT SI-
GNAL-BRUIT, ET LEUR MISE EN
OEUVRE POUR LA DETECTION DE
LA TRANSMISSION DISCONTINUE

(71) NOKIA CORPORATION [FI/FI];
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(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) TAPANINEN, Jukka; 3324 Jewell Street,
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(74) SMITH, Harry, F.; Harrington & Smith,
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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)⁷ H04Q

(11) WO 2004/088999 (13) A2

(21) PCT/US2004/008946

(22) 23 Mar/mar 2004 (23.03.2004)

(25) en (26) en

(30) 60/458,038 28 Mar/mar 2003 US
(28.03.2003)

(30) 10/713,107 17 Nov/nov 2003 US
(17.11.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR HY-
BRID MINIMUM MEAN SQUARED
ERROR MATRIX-PENCIL SEPARA-
TION WEIGHTS FOR BLIND SOURCE
SEPARATION

• SYSTEME ET PROCEDE DE SEPARA-
TION AVEUGLE DE SOURCES PAR
PONDERATIONS DE SEPARATION
PAR FAISCEAU DE MATRICE DE
SEPARATION HYBRIDE ET ECART
QUADRATIQUE MOYEN MINIMAL
HYBRIDE

(71) HARRIS CORPORATION [US/US]; 1025
W. NASA Blvd, Melbourne, FL 32919 (US).

(72) BEADLE, Edward, Ray; 5760 Newbury
Circle, Melbourne, FL 32940 (US). ANDER-
SON, Richard, Hugh; 3822 Stream Drive,
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ANDERSON, Paul, David; 4949 Rosewood
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(74) YATSKO, Michael, S. et al. / etc.; Har-
ris Corporation, 1025 W. NASA Blvd., Mel-
bourne, 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)⁷ H04Q

(11) WO 2004/089000 (13) A2

(21) PCT/US2004/009170

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/400,316 27 Mar/mar 2003 US
(27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMMUNICATION SYSTEM WITH
CALL QUALITY INDICATION AND
METHOD THEREFORE• PROCEDE ET SYSTEME DE COMMU-
NICATION AVEC INDICATION DE LA
QUALITE DE L'APPEL(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) MUTHUSWAMY, Sivakumar
[IN/US]; 10534 N.W. 11th Court, Planta-
tion, FL 33324 (US). RAMAMURTHY,
Anupama [IN/US]; 10534 N.W. 11th Court,
Plantation, FL 33324 (US).(74) KARPINIA, Randi, L. et al. / etc.; 8000
West Sunrise Boulevard, Room 1610, Fort
Lauderdale, 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)⁷ H04Q

(11) WO 2004/089001 (13) A2

(21) PCT/US2004/009551

(22) 29 Mar/mar 2004 (29.03.2004)

(25) en (26) en

(30) 60/459,685 2 Apr/avr 2003 US
(02.04.2003)(30) 10/672,771 26 Sep/sep 2003 US
(26.09.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHODS AND SYSTEMS FOR PRO-
VIDING BANDWIDTH ON DEMAND
IN COMMUNICATION SYSTEMS• PROCEDES ET SYSTEMES DE GENE-
RATION DE LARGEUR DE BANDE
SUR DEMANDE DANS DES SYS-
TEMES DE COMMUNICATION(71) EFFICIENT NETWORKS, INC. [US/US];
4849 Alpha Road, Dallas, Texas 75244 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) WANG, Shaobo [CN/US]; 1127 Lamp-
light Way, Allen, Texas 75013 (US).
MORITZ, Eric [US/US]; 2719 Monet
Place, Dallas, Texas 75287 (US). SPENCE,
John [US/US]; 1601 Kingswood Lane,
Colleyville, Texas 76034 (US). RAMA-
MURTHI, Anand [IN/IN]; 266, 6th Cross, I
Stage, Indiranagar, Bangalore 560 038 (IN).XU, Gongmei [CN/US]; 1127 Lamplight
Way, Allen, Texas 75013 (US).(74) BRENNAN, Terrence, M. 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 VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PL PT RO SE SI SK TR); OA (BF BJ
CF CG CI CM GA GN GQ GW ML MR NE
SN TD TG).(51)⁷ H04Q 3/00

(11) WO 2004/089002 (13) A1

(21) PCT/EP2003/003297

(22) 29 Mar/mar 2003 (29.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TELECOMMUNICATION NETWORK
FOR TRANSMITTING SIGNALLING
MESSAGES• RESEAU DE TELECOMMUNICATION
POUR LA TRANSMISSION DE MES-
SAGES DE SIGNALISATION(71) TELEFONAKTIEBOLAGET LM ERIC-
SSON (publ) [SE/SE]; S-164 83 Stockholm
(SE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HERZBERG, Dominikus [DE/DE];
Maastrichter Str. 20, 52074 Aachen (DE).
BRUSS, Jörg [DE/DE]; An der Fahrt 29 a,
52249 Eschweiler (DE).(74) TONSCHIEDT, Andreas; Ericsson Eurolab
Deutschland GmbH, Ericsson Allee 1, 52134
Herzogenrath (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 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 :

(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 SD SE SG
SK SL TJ TM TN TR TT TZ UA UG UZ VN YU
ZA ZM ZW AP (GH GM KE LS MW MZ SD SLSZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD
RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR HU IE IT LU MC 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)⁷ H04Q 3/00, H04L 12/66, 29/06

(11) WO 2004/089003 (13) A1

(21) PCT/EP2004/001942

(22) 26 Feb/fév 2004 (26.02.2004)

(25) de (26) de

(30) 103 14 542.7 31 Mar/mar 2003 DE
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COMMUNICATION METHOD BE-
TWEEN A MEDIA GATEWAY CON-
TROLLER AND A MEDIA GATEWAY• PROCEDE DE COMMUNICATION
ENTRE UN CONTROLEUR DE PASSE-
RELLE DE SUPPORT ET UNE PASSE-
RELLE DE SUPPORT(71) SIEMENS AKTIENGESSELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PAULMANN, Dirk [DE/DE]; Hein-
richstr. 32, 38106 Braunschweig (DE).
RUPPELT, Christian [DE/DE]; Novalisstr.
6, 81369 München (DE). STUCKY, Volker
[DE/DE]; Zieblandstr. 9, 80799 München
(DE). TEGELER, Jürgen [DE/DE]; Auf
Der Leiten 2, 82377 Penzberg (DE). WALD-
NER, Carmen [DE/DE]; Mariusstr. 2, 86199
Augsburg (DE).(74) SIEMENS AKTIENGESSELLSCHAFT;
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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ H04Q 7/00

(11) WO 2004/089004 (13) A1

(21) PCT/CN2004/000297

(22) 31 Mar/mar 2004 (31.03.2004)

(25) zh (26) zh

(30) 03121591.2 2 Apr/avr 2003 CN
(02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • A METHOD OF PROTECTING LOCA-
TION INFORMATION IN LOCATION
SERVICE• PROCEDE DE PROTECTION
D'INFORMATIONS RELATIVES A LA
LOCALISATION DANS UN SERVICE
DE LOCALISATION

(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) DUAN, Xiaolin [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). WANG, Jie [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No.10 Huayuan-donglu, Haidian District, Beijing 100083 (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)⁷ H04Q 7/00

(11) WO 2004/089005 (13) A2

(21) PCT/GB2004/001321

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 0307373.1 29 Mar/mar 2003 GB (29.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD, NETWORK NODE, MESSAGES AND COMPUTER PROGRAM FOR USE IN MOBILITY SUPPORT IN A PACKET-SWITCHED DATA COMMUNICATION NETWORK

• PROCEDE, NOEUD DE RESEAU, MESSAGES ET PROGRAMME INFORMATIQUE POUR UTILISATION DANS UN SUPPORT DE MOBILITE DANS UN RESEAU DE COMMUNICATION DE DONNEES A COMMUTATION PAR PAQUETS

(71) KING'S COLLEGE LONDON [GB/GB]; The Strand, London WC2R 2LS (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANTOINE, Stephane [CI/GB]; Centre for Telecommunications Research, King's College London, The Strand, London WC2R 2LS (GB). AGHVAMI, Abdol, Hamid [GB/GB]; Centre for Telecommunications Research, King's College London, The Strand, London WC2R 2LS (GB).

(74) CASBON, Paul, Richard; Lucas & Co., 135 Westhall Road, Warlingham, Surrey CR6 9HJ (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)⁷ H04Q 7/00

(11) WO 2004/089006 (13) A2

(21) PCT/IB2004/050390

(22) 2 Apr/avr 2004 (02.04.2004)

(25) en (26) en

(30) 60/460,316 3 Apr/avr 2003 US (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM, MOBILE STATION, METHOD AND COMPUTER PROGRAM PRODUCT FOR MANAGING CONTEXT-RELATED INFORMATION

• SYSTEME, STATION MOBILE, PROCEDE ET PROGICIEL POUR GERER DES DONNEES CONTEXTUELLES

(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) JALKANEN, Janne [FI/FI]; Aleksis Kiven katu 52-54, FIN-00510 Helsinki (FI). HUOMO, Heikki [FI/FI]; Vilkkupoiju 15 A 4, FIN-02320 Espoo (FI). LAKKALA, Harri [FI/FI]; Mäkipääkatu, 28-30 E 130, FIN-33500 Tampere (FI). SALMINEN, Ilkka [FI/FI]; Teiskontie 10 A 13, FIN-33540 Tampere (FI). SUOMELA, Riku [FI/FI]; Hallituskatu 17 D 108, FIN-33200 Tampere (FI).

(74) WALASKI, Jan, Filip et al. / etc.; Venner, Shipley LLP, 20 Little Britain, Greater 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)⁷ H04Q 7/00, 7/24

(11) WO 2004/089007 (13) A1

(21) PCT/KR2003/002167

(22) 17 Oct/oct 2003 (17.10.2003)

(25) ko (26) en

(30) 10-2003-0021506 4 Apr/avr 2003 KR (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NOTICE METHOD FOR EMERGENT DISPATCH USING MOBILE COMMUNICATION DEVICE

• PROCEDE D'AVERTISSEMENT POUR LE DETACHEMENT D'URGENCE EFFECTUE AU MOYEN D'UN DISPOSITIF DE COMMUNICATION MOBILE

(71, 72) CHOI, Yong-Hak [KR/KR]; 20-1409 Hyundai APT., 1436-1 Seocho 1-dong., Seocho-gu, Seoul 137-865 (KR).

(74) SHIN, Myung-Gun; E-LAND plaza 3F, 268-2, Seohyeon-dong., Bundang-gu, Gyeonggi-province, Seongnam-city 463-824 (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)⁷ H04Q 7/20, G08G 1/09

(11) WO 2004/089008 (13) A1

(21) PCT/JP2003/004010

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADIO COMMUNICATION SYSTEM
• SYSTEME DE COMMUNICATION RADIO

(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) NAGAI, Kazuyoshi [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)⁷ H04Q 7/20, H04J 3/00

(11) WO 2004/089009 (13) A1

(21) PCT/US2004/008898

(22) 24 Mar/mar 2004 (24.03.2004)

(25) en (26) en

(30) 60/457,821 25 Mar/mar 2003 US (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR MANAGING RESOURCES IN WIRELESS COMMUNICATION SYSTEMS

- PROCEDE ET SYSTEME DE GESTION DE RESSOURCES DANS DES SYSTEMES DE COMMUNICATION SANS FIL
- (71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, Delaware 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TSAL, Yingming** [—/US]; 10 Jolie Court, Boonton, New Jersey 07005 (US).
ZHANG, Guodong [CN/US]; 41 La Bonne Vie Drive, Patchogue, New York 11772 (US).
- (74) **DONCH, John, C., Jr.**; 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).
- Published / Publiée : (c)
- (51)⁷ **H04Q 7/20**
- (11) **WO 2004/089011** (13) A1
- (21) PCT/US2004/009780
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/458,314 **28 Mar/mar 2003** US (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • A WIRELESS MOBILE PHONE WITH AUTHENTICATED MODE OF OPERATION INCLUDING FINGER PRINT BASED AUTHENTICATION
- TELEPHONE MOBILE SANS FIL DOTE D'UN MODE DE FONCTIONNEMENT AUTHENTIFIÉ AVEC AUTHENTIFICATION PAR EMPREINTE DIGITALE
- (71) **WILDSEED, LTD.** [US/US]; 10210 NE Points Dr. Ste. 300, Kirkland, WA 98033 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ENGSTROM, Eric, G.** [US/US]; 12415 Holmes Pt. Dr., NE, Kirkland, WA 98033 (US). **ZATLOUKAL, Peter** [US/US]; 218 Main Street, #480, Kirkland, WA 98033 (US).
- (74) **AUYEUNG, Aloysius, T., C. et al.** / etc.; Schwabe, Williamson & Wyatt, P.C., Pacwest Center, Suites 1600-1900, 1211 SW Fifth 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 PL PT RO 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)⁷ **H04Q 7/20**
- (11) **WO 2004/089010** (13) A1
- (21) PCT/US2004/009780
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/457,801 **28 Mar/mar 2003** US (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • A WIRELESS MOBILE PHONE WITH AUTHENTICATED MODE OF OPERATION INCLUDING PHOTO BASED AUTHENTICATION
- TELEPHONE MOBILE SANS FIL DOTE D'UN MODE DE FONCTIONNEMENT AUTHENTIFIÉ AVEC AUTHENTIFICATION PAR PHOTOGRAPHIE
- (71) **WILDSEED, LTD.** [US/US]; 10210 NE Points Drive, Suite 300, Kirkland, WA 98033 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ENGSTROM, Eric, G.** [US/US]; 12415 Holmes Pt. Drive N.E., Kirkland, WA 98033 (US). **ZATLOUKAL, Peter** [US/US]; 218 Main Street, #480, Kirkland, WA 98033 (US).
- (74) **AUYEUNG, Aloysius, T., C.**; Schwabe, Williamson & Wyatt, P.C., Pacwest Center, Suites 1600-1900, 1211 SW Fifth 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 PL PT RO 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)⁷ **H04Q 7/20**
- (11) **WO 2004/089011** (13) A1
- (21) PCT/US2004/009781
- (22) **26 Mar/mar 2004 (26.03.2004)**
- (25) en (26) en
- (30) 60/458,314 **28 Mar/mar 2003** US (28.03.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • A WIRELESS MOBILE PHONE WITH AUTHENTICATED MODE OF OPERATION INCLUDING FINGER PRINT BASED AUTHENTICATION
- TELEPHONE MOBILE SANS FIL DOTE D'UN MODE DE FONCTIONNEMENT AUTHENTIFIÉ AVEC AUTHENTIFICATION PAR EMPREINTE DIGITALE
- (71) **WILDSEED, LTD.** [US/US]; 10210 NE Points Dr. Ste. 300, Kirkland, WA 98033 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ENGSTROM, Eric, G.** [US/US]; 12415 Holmes Pt. Dr., NE, Kirkland, WA 98033 (US). **ZATLOUKAL, Peter** [US/US]; 218 Main Street, #480, Kirkland, WA 98033 (US).
- (74) **AUYEUNG, Aloysius, T., C. et al.** / etc.; Schwabe, Williamson & Wyatt, P.C., Pacwest Center, Suites 1600-1900, 1211 SW Fifth 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 PL PT RO 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)⁷ **H04Q 7/22, 7/38**
- (11) **WO 2004/089012** (13) A2
- (21) PCT/GB2004/001299
- (22) **25 Mar/mar 2004 (25.03.2004)**
- (25) en (26) en
- (30) 0307719.5 **3 Apr/avr 2003** GB (03.04.2003)

- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • TELECOMMUNICATIONS SERVICES APPARATUS AND METHODS
- APPAREIL ASSURANT DES SERVICES DE TELECOMMUNICATIONS ET PROCEDES CORRESPONDANTS
- (71) **INTELLPROP LIMITED**; P.O. Box 626, National Westminster House, Le Truchot St Peter Port, Guernsey, Channel Islands (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILSON, Jeffrey** [GB/GB]; 53 Kiln Road, Fareham, Hampshire PO16 70H (GB).
- (74) **D YOUNG & CO**; 21 New Fetter Lane, London EC4A 1DA (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)⁷ **H04Q 7/22**
- (11) **WO 2004/089013** (13) A1
- (21) PCT/SE2004/000517
- (22) **2 Apr/avr 2004 (02.04.2004)**
- (25) en (26) en
- (30) 0301027-9 **3 Apr/avr 2003** SE (03.04.2003)
- (43) 14 Oct/oct 2004 (14.10.2004)
- (54) • MECHANISMS FOR THE ADDITION OF NEW SYSTEM INFORMATION BLOCK (SIB) TYPES IN TELECOMMUNICATION MESSAGE(S)
- MECANISMES POUR L'ADDITION DE NOUVEAUX TYPES DE BLOC D'INFORMATION SYSTEME (SIB) DANS UN (DES) MESSAGE(S) DE TELECOMMUNICATION
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)** [SE/SE]; Torshamnsgatan 23, Stockholm, 164 83 (SE).
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- (72, 75) **VAN DER VELDE, Himke** [NL/NL]; Meester P.J. Oudlaan 18, 8014 ZT ZWOLLE (NL). **VAN LIESHOUT, Gert-Jan** [NL/NL]; Soerenweg 40, 7314 CG APELDOORN (NL).
- (74) **MAGNUSSON, Monica**; Ericsson AB, Torshamnsgatan 23, 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

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ H04Q 7/30 // H04L 7/00

(11) WO 2004/089014 (13) A1

(21) PCT/FI2004/000187

(22) 30 Mar/mar 2004 (30.03.2004)

(25) en (26) en

(30) 20030477 31 Mar/mar 2003 FI (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS AND METHOD FOR DISTRIBUTING FRAME SYNCHRONIZATION INFORMATION AT A BASE STATION

• DISPOSITIF ET PROCÉDE DE DISTRIBUTION D'INFORMATIONS SUR LA SYNCHRONISATION DE TRAMES DANS UNE STATION DE BASE

(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) ADOLFSEN, Pekka [FI/FI]; Vesakkotie 6, FI-90650 Oulu (FI). BEALE, John [GB/GB]; 21 Recreation Road, Tilehurst Reading Berkshire, Berkshire RG30 4 UB (GB).

(74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FI-00121 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).

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)⁷ H04Q 7/32

(11) WO 2004/089015 (13) A1

(21) PCT/CA2003/000459

(22) 31 Mar/mar 2003 (31.03.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF ENCODED CHANNEL ACQUISITION
• PROCÉDE D'ACQUISITION DE VOIE CODEE

(71) RESEARCH IN MOTION LIMITED [CA/CA]; 295 Phillip Street, Waterloo, Ontario N2L 3W8 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PATEL, Ashok, C. [CA/CA]; 101 Ashberry Pl., Waterloo, Ontario N2T 1G8 (CA).

(74) PATHIYAL, Krishna, K. et al. / etc.; Research In Motion Limited, 295 Phillip Street, Waterloo, Ontario N2L 3W8 (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 ES FI GB GD GE GH GM HR HU ID 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 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)⁷ H04Q 7/32, G01S 13/76

(11) WO 2004/089016 (13) A1

(21) PCT/IB2003/001213

(22) 3 Apr/avr 2003 (03.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • NETWORK SERVING DEVICE, PORTABLE ELECTRONIC DEVICE, SYSTEM AND METHODS FOR MEDIATING NETWORKED SERVICES

• DISPOSITIF SERVEUR DE RESEAU, DISPOSITIF ELECTRONIQUE PORTABLE, SYSTEME ET PROCÉDES ASSURANT LA MEDIATION DE SERVICES RESEAUTES

(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) WAKIM, Peter [AU/FI]; Mikonkatu 25A8, FIN- 0100 Helsinki (FI). KÜHL, Carmen [DE/DE]; Plauener Str. 2, D- 44139 Dortmund (DE). VESIKIVI, Petri [FI/FI]; Lintupihä 12 a B, FIN- 02660 Espoo (FI). HUOMO, Heikki [FI/FI]; Vikkupoiju 15 A 4, FIN-02320 Espoo (FI).

(74) STRAUS, Alexander; Becker, Kurig, Straus, Bavariastrasse 7, D- 80336 Munchen (DE).

(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)⁷ H04Q 7/32

(11) WO 2004/089017 (13) A1

(21) PCT/KR2004/000739

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ko (26) en

(30) 10-2003-0020603 1 Apr/avr 2003 KR (01.04.2003)

(30) 10-2003-0027995 1 May/mai 2003 KR (01.05.2003)

(30) 10-2003-0036113 4 Jun/juin 2003 KR (04.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MOBILE COMMUNICATION TERMINAL HAVING A FUNCTION OF READING OUT INFORMATION FROM CONTACTLESS TYPE COMMUNICATION TAG AND METHOD FOR PROVIDING INFORMATION OF WHETHER AN ARTICLE IS GENUINE OR NOT

• TERMINAL DE COMMUNICATION MOBILE COMPRENANT UNE FONCTION DE LECTURE

D'INFORMATIONS A PARTIR D'UNE ETIQUETTE DE COMMUNICATION DE TYPE SANS CONTACT ET PROCEDE DE FOURNITURE D'INFORMATIONS RELATIVES A L'AUTENTICITE D'UN ARTICLE

(71, 72) PARK, Mi-Kyoung [KR/KR]; Rm. 303, Seogwon Art Villa, 1608-2 Seocho-dong, Seocho-gu, Seoul 137-070 (KR).

(72, 75) HYUN, Kwang-Chul [KR/KR]; Rm. 303, Seogwon Art Villa, 1608-2 Seocho-dong, Seocho-gu, Seoul 137-070 (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).

(51)⁷ H04Q 7/32, H02J 7/00

(11) WO 2004/089018 (13) A1

(21) PCT/NO2004/000092

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 20031501 2 Apr/avr 2003 NO (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HANDHELD UNIT FOR CHARGING A BATTERY AND UPDATING SOFTWARE

• UNITE PORTATIVE PERMETTANT DE CHARGER UNE BATTERIE ET LOGICIEL DE MISE A JOUR

(71) CELLJUMP LTD. [GB/GB]; Ernst & Young LLP, Company Secretarial Department, 400 Capability Green, Luton, Bedfordshire LU3 1U (GB).

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(74) WESMANN, Johan, Fredrik; Zacco Norway AS, P.O. Box 765 Sentrum, N-0106 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).

(51)⁷ H04Q 7/38

(11) WO 2004/089019 (13) A1

(21) PCT/CN2003/000237

(22) 3 Apr/avr 2003 (03.04.2003)

(25) zh (26) zh

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD OF TRIGGERING RADIO NETWORK SUBSYSTEM RELOCATION

• PROCEDE DE DECLenchement DU DEPLACEMENT D'UN SOUS-SYSTEME DE RESEAU RADIOPHONIQUE

(71) UTSTARCOM (CHINA) CO. LTD. [CN/CN]; B/11F, CNT Manhattan Bldg., Dongsishitiao Str., Beijing 100027 (CN).

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(72, 75) LIU, Sheng [CN/CN]; 3/F, Legend Building, Hightech Industrial Park, Nanshan District, Guangdong 518057 (CN). ZHONG, Xin [CN/CN]; 3/F, Legend Building, Hightech Industrial Park, Nanshan District, Guangdong 518057 (CN). ZHANG, Chun [CN/CN]; 3/F, Legend Building, Hightech Industrial Park, Nanshan District, Guangdong 518057 (CN).

(74) CCIPT PATENT AND TRADEMARK LAW OFFICE; 8th Floor, Vantone New York World, 2 Fuchengmenw Vantone New York World Plaza, 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 ES FI GB GD GE GH GM HR HU ID 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)⁷ H04Q 7/38

(11) WO 2004/089020 (13) A1

(21) PCT/CN2003/000238

(22) 3 Apr/avr 2003 (03.04.2003)

(25) zh (26) zh

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR USER EQUIPMENT MOBILITY MANAGEMENT AND COMMUNICATION SYSTEM THEREOF

• PROCEDE DE GESTION DE LA MOBILITE D'UN MATERIEL UTILISATEUR ET SYSTEME DE COMMUNICATION S'Y RAPPORTANT

(71) UTSTARCOM (CHINA) CO. LTD. [CN/CN]; B/11F, CNT Manhattan Bldg., Dongsishitiao Str., Beijing 100027 (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIU, Sheng [CN/CN]; 3/F, Legend Building, Hightech Industrial Park, Nanshan District, Shenzhen 518057 (CN). ZHAO, Baijun [CN/CN]; 3/F, Legend Building, Hightech Industrial Park, Nanshan District, Shenzhen 518057 (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 ES FI GB GD GE GH GM HR HU ID 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)⁷ H04Q 7/38

(11) WO 2004/089021 (13) A2

(21) PCT/GB2004/001425

(22) 1 Apr/avr 2004 (01.04.2004)

(25) en (26) en

(30) 0307525.6 1 Apr/avr 2003 GB (01.04.2003)

(30) 60/470,882 16 May/mai 2003 US (16.05.2003)

(30) 0311876.7 23 May/mai 2003 GB (23.05.2003)

(30) 0319784.5 22 Aug/août 2003 GB (22.08.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • PORTABLE DIGITAL DEVICES

• DISPOSITIFS NUMERIQUES PORTABLES

(71) ICEBERG INTELLECTUAL PROPERTY LIMITED [GB/GB]; 3 Worcester Street, Oxford, Oxfordshire OX1 2PZ (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SNOW, Patrick [GB/GB]; The Coachhouse Rockholme, Leckhampton Hill, Cheltenham GL53 9QH (GB).

(74) JONES, Ithel, Rhys et al. / etc.; Wynne-Jones, Laine & James, Essex Place, 22 Rodney Road, Cheltenham GL50 1JJ (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)⁷ H04Q 7/38

(11) WO 2004/089022 (13) A1

(21) PCT/IB2004/001043

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 0307853.2 4 Apr/avr 2003 GB
(04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTIPLE REGISTRATION OF A SUB-
SCRIBER IN A MOBILE COMMUNI-
CATION SYSTEM

• INSCRIPTION MULTIPLE D'UN
ABONNE DANS UN SYSTEME DE
COMMUNICATIONS MOBILES

(71) NOKIA CORPORATION [FI/FI];
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(74) RUUSKANEN, Juha-Pekka 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)⁷ H04Q 7/38, H04L 29/06

(11) WO 2004/089023 (13) A1

(21) PCT/IB2004/000693

(22) 11 Mar/mar 2004 (11.03.2004)

(25) en (26) en

(30) 03007278.9 31 Mar/mar 2003 EP
(31.03.2003)

(30) 03027494.8 1 Dec/déc 2003 EP
(01.12.2003)

(30) 10/776,513 12 Feb/fév 2004 US
(12.02.2004)

(30) 10/787,974 27 Feb/fév 2004 US
(27.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND SYSTEM FOR DEAC-
TIVATING A SERVICE ACCOUNT

• PROCEDE ET SYSTEME POUR DE-
SACTIVER UN COMPTE DE SER-
VICES

(71) NOKIA CORPORATION [FI/FI];
Keilalahdentie 4, FIN-02150 Espoo (FI).

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les États désignés sauf US)*

(72, 75) TAMMI, Kalle [FI/FI]; Vernissaraitti
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gasala (FI).

(74) UNGERER, Olaf; Eisenführ, Speiser &
Partner, Arnulfstrasse 25, 80335 Munich
(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)⁷ H04Q 7/38

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(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 60/459,452 1 Apr/avr 2003 US
(01.04.2003)

(30) 60/480,436 28 Jun/juin 2003 US
(28.06.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR DIS-
TINGUISHING PRIORITY SERVICE
FROM EMLPP ENHANCEMENT

• PROCEDE ET APPAREIL PERMET-
TANT DE DISTINGUER UN SERVICE
PRIORITAIRE D'UNE PRECEDENCE
ET PREEMPTION MULTINIVEAUX
AMELIOREE POUR LA GESTION DES
PRIORITES DES APPELS (EMLPP)

(71) NORTEL NETWORKS LIMITED
[CA/CA]; 2351 Boulevard Alfred-Nobel,
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(72) PYLE, Mark; 3918 Compton Drive,
Richardson, TX 75082 (US). DEOL, Amar-
jit; 7101 Ridgemoor Lane, Plano, TX 75025
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PATEL, Sandeep; 61 Burghley Road, Lon-
don N8 0QG (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)⁷ H04Q 7/38

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(21) PCT/IB2004/000965

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 2003/2504 31 Mar/mar 2003 ZA
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TERMINAL INDEPENDENT PER-
SONAL TELEPHONE SERVICES

• SERVICES TELEPHONIQUES PER-
SONNELS INDEPENDANTS DU TER-
MINAL

(71) KAHN, Ari [ZA/ZA]; 41 22nd Street,
Parkhurst, 2193 Johannesburg (ZA).

(74) ABRAMSON, Lance et al. / etc.; Spoor &
Fisher, P.O. Box 41312, 2024 Craighall (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)⁷ H04Q 7/38

(11) WO 2004/089026 (13) A1

(21) PCT/JP2003/004026

(22) 28 Mar/mar 2003 (28.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MOBILE EXCHANGE, MOBILE MA-
CHINE, MOBILE COMMUNICATION
SYSTEM, AND POSITION REGISTRA-
TION EXPANDING METHOD

• DISPOSITIF D'ECHANGE MO-
BILE, MACHINE MOBILE, SYS-
TEME DE COMMUNICATION MO-
BILE ET PROCEDE EXTENSIBLE
D'ENREGISTREMENT DE POSITION

(71) FUJITSU LIMITED [JP/JP]; 1-1,
Kamikodanaka 4-chome, Nakahara-ku,
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les États désignés sauf US)*

(72, 75) AIKAWA, Shinichiro [JP/JP]; c/o
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1-1, Kamikodanaka 4-chome, Nakahara-ku,
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211-8588 (JP). SHIMOMINAMI, Yoko [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) SAKAI, Akinori; Tokyo Club Building, 2-6, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

(51)⁷ H04Q 7/38, H04L 12/56

(11) WO 2004/089027 (13) A1

(21) PCT/JP2003/004054

(22) 31 Mar/mar 2003 (31.03.2003)

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADIO COMMUNICATION NETWORK AND FLOW CONTROL METHOD

• RESEAU DE RADIOCOMMUNICATION ET PROCEDE DE CONTROLE DE FLUX

(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, Eiji [JP/JP]; c/o Evolium Japan Limited, YRP R & D Center, 5-5, Hikari-no-Oka, Yokosuka-shi, Kanagawa 239-0847 (JP). KUMAGAI, Tomonori [JP/JP]; c/o Evolium Japan Limited, YRP R & D Center, 5-5, Hikari-no-Oka, Yokosuka-shi, Kanagawa 239-0847 (JP).

(74) SAITO, Chimoto; Saito Patent Office, Koei-Palace 202, 14-10, Makuharihongo 1-chome, Hanamigawa-ku, Chiba-shi, Chiba 262-0033 (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)⁷ H04Q 7/38

(11) WO 2004/089028 (13) A1

(21) PCT/JP2004/004614

(22) 31 Mar/mar 2004 (31.03.2004)

(25) ja (26) ja

(30) 2003-096746 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • RADIO BASE STATION DEVICE, RADIO NETWORK CONTROL DEVICE, AND TRANSFER RATE DECISION METHOD

• STATION DE BASE RADIO, DISPOSITIF DE CONTROLE DE RESEAU RADIO ET PROCEDE DE SELECTION DE DEBIT DE TRANSFERT

(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) IIDA, Kenichiro FUKUI, Akito ISHIMORI, Takayuki

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo, 2060034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 2004/089029 (13) A1

(21) PCT/KR2004/000744

(22) 31 Mar/mar 2004 (31.03.2004)

(25) en (26) en

(30) 10-2003-0020722 2 Apr/avr 2003 KR (02.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD AND APPARATUS FOR USER AUTHENTICATION USING INFRARED COMMUNICATION OF A MOBILE TERMINAL

• PROCEDE ET APPAREIL D'AUTHENTIFICATION DE L'UTILISATEUR PAR COMMUNICATION INFRAROUGE D'UN TERMINAL MOBILE

(71) SK TELECOM CO., LTD [KR/KR]; 99 Seorin-Dong, Jongro-Ku, Seoul 110-110 (KR). SECURE SOFT INC. [KR/KR]; Doosan Bldg., 105-7, Nonhyun 2-dong, Kangnam-gu, Seoul 135-714 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JEON, Jae Sic; 2-908, Misung Apt., Sinchun-dong, Songpa-gu, Seoul 138-240 (KR). JUNG, Eun Su; 808-806, Joogong Apt., Burim-dong, Gwachun-si, Kyunggi-do 427-050 (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 SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 2004/089030 (13) A1

(21) PCT/KR2004/000782

(22) 3 Apr/avr 2004 (03.04.2004)

(25) en (26) en

(30) 10-2003-0021143 3 Apr/avr 2003 KR (03.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • APPARATUS AND METHOD FOR CONTROLLING ACCESS TO NETWORK IN WIRELESS COMMUNICATION SYSTEM

• APPAREIL ET METHODE POUR COMMANDER L'ACCES A UN RESEAU DANS UN SYSTEME DE COMMUNICATION SANS FIL

(71) LG ELECTRONICS INC. [KR/KR]; 20 Yoido-Dong, Yongdungpo-Gu, Seoul 150-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Young-Dae [KR/KR]; Sinan Apt. 419-1501, Changwoo-Dong, Hanam, Gyeonggi-Do 465-711 (KR). YI, Seung-June [KR/KR]; Daechong Apt. 303-403, Gaepo-Dong, Gangnam-Gu, Seoul 135-240 (KR). CHUN, Sung-Duck [KR/KR]; 202, 1430-17, Sillim 5-Dong, Gwanak-Gu, Seoul 151-891 (KR).

(74) PARK, Jang-Won; Jewoo Bldg. 5th Floor, 200, Nonhyun-Dong, Gangnam-Gu, Seoul 135-010 (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 OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/38

(11) WO 2004/089031 (13) A2

(21) PCT/US2004/009259

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/401,829 28 Mar/mar 2003 US (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR SELECTING COMMUNICATIONS COVERAGE NETWORK INFORMATION IN A WIRELESS COMMUNICATIONS DEVICE

• SYSTEME ET PROCEDE PERMETTANT DE SELECTIONNER DES INFORMATIONS RESEAU SUR LA COUVERTURE DES COMMUNICATIONS DANS UN DISPOSITIF DE COMMUNICATION 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) GIACALONE, Joe; 4295 Corte De Sausalito, San Diego, CA 92130 (US). KIRBAS, Bilhan; 242 Rosemont St. Apt. C, La Jolla, CA 92037 (US).

(74) CONNELL, Kathleen, L. et al. / etc.; Kyocera Wireless Corp., Attention: Patent Department, 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).

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)⁷ H04Q 7/38

(11) WO 2004/089032 (13) A2

(21) PCT/US2004/009301

(22) 26 Mar/mar 2004 (26.03.2004)

(25) en (26) en

(30) 10/402,608 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOCATION CAPABLE MOBILE HANDSET
• COMBINE MOBILE CAPABLE D'INDIQUER L'EMPLACEMENT

(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) DUNN, Douglas, L. [US/US]; 1033 Abeto Court, San Diego, CA 91910 (US).
CHANG, Henry [US/US]; 12676 Crest Knolls Court, San Diego, CA 92130 (US).

(74) CONNELL, Kathleen, L. et al. / etc.; Kyocera Wireless Corp., Attention: Patent Department, 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).

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)⁷ H04Q 7/38

(11) WO 2004/089033 (13) A1

(21) PCT/US2004/009377

(22) 25 Mar/mar 2004 (25.03.2004)

(25) en (26) en

(30) 10/402,533 27 Mar/mar 2003 US (27.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR MINIMIZING VOICE PACKET LOSS DURING A WIRELESS COMMUNICATIONS DEVICE CANDIDATE FREQUENCY SEARCH (CFS)

• SYSTEME ET PROCEDURE PERMETTANT DE REDUIRE AU MINIMUM LA PERTE DE PAQUETS VOCAUX LORS D'UNE RECHERCHE DE FREQUENCES CANDIDATES (CFS) DANS UN DISPOSITIF DE COMMUNICATION 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) DUNN, Douglas, L. [US/US]; 1033 Abeto Court, San Diego, CA 91910 (US).
CHANG, Henry [US/US]; 12676 Crest Knolls Court, San Diego, CA 92130 (US).

(74) CONNELL, Kathleen, L. et al. / etc.; Kyocera Wireless Corp., Attention: Patent Department, 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)⁷ H04Q 9/00

(11) WO 2004/089034 (13) A1

(21) PCT/JP2004/003012

(22) 9 Mar/mar 2004 (09.03.2004)

(25) ja (26) ja

(30) 2003-094490 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM USING ELECTRONIC DEVICE AND COMMERCIAL EXHIBITION SUPPORT METHOD

• SYSTEME UTILISANT UN DISPOSITIF ELECTRONIQUE ET PROCEDURE

SUPPORT D'EXPOSITION COMMER-
CIALE

(71) **SONY CORPORATION** [JP/JP]; 7-35 Kitashinagawa 6-chome Shinagawa-ku Tokyo, 1410001 (JP).

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(72, 75) **MORIOKA, Susumu** [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)⁷ **H04Q 9/00**

(11) **WO 2004/089035** (13) A1

(21) PCT/KR2004/000715

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) ko (26) en

(30) 10-2003-0020635 **1 Apr/avr 2003** KR (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SYSTEM AND METHOD FOR HOME AUTOMATION USING WIRELESS CONTROL RF REMOCON MODULE BASED ON NETWORK

• SYSTEME ET PROCEDE DE DOMOTIQUE FAISANT APPEL A UN MODULE DE TELECOMMANDE RF SANS FIL BASE SUR UN RESEAU

(71, 72) **CHOI, Dong-Wook** [KR/KR]; 201 Dammi Villa, 107-240, Banpo-dong, Seocho-gu, Seoul 137-043 (KR).

(74) **HONG, Sung-Pyo**; 4F, Edogin Bldg., 827-58 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)⁷ **H04R 1/00**

(11) **WO 2004/089036** (13) A2

(21) PCT/CA2004/000492

(22) **2 Apr/avr 2004 (02.04.2004)**

(25) en (26) en

(30) 60/459,962 **4 Apr/avr 2003** US (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • OUTDOOR LOUDSPEAKER WITH PASSIVE RADIATOR
• HAUT-PARLEUR EXTERIEUR A RADIATEUR PASSIF

(71) **AUDIO PRODUCTS INTERNATIONAL CORP.** [CA/CA]; 3641 McNicoll Avenue, Scarborough, Ontario M1X 1G5 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WELKER, Andrew, C.** [CA/CA]; 47 Yorkville Drive, Courtice, Ontario L1E 2A7 (CA). **TCHILINGUIRIAN, John** [CA/CA]; 21 Prestonway Drive, Bowmanville, Ontario L1C 4S8 (CA).

(74) **BERESKIN & PARR**; 40 King Street West, 40th Floor, Toronto, Ontario M5H 3Y2 (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)⁷ **H04R 9/02, 7/26**

(11) **WO 2004/089037** (13) A1

(21) PCT/JP2004/004393

(22) **29 Mar/mar 2004 (29.03.2004)**

(25) ja (26) ja

(30) 2003-094935 **31 Mar/mar 2003** JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SPEAKER
• HAUT-PARLEUR

(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) **FUNAHASHI, Osamu** **MORIMOTO, Hiroyuki**

(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)⁷ **H04R 25/00, G06F 3/16, 17/00**

(11) **WO 2004/089038** (13) A1

(21) PCT/AU2004/000439

(22) **5 Apr/avr 2004 (05.04.2004)**

(25) en (26) en

(30) 2003901634 **4 Apr/avr 2003** AU (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • REDUCED POWER CONSUMPTION METHOD AND SYSTEM
• PROCÉDÉ ET SYSTÈME À CONSOMMATION D'ÉNERGIE RÉDUITE

(71) **COCHLEAR LIMITED** [AU/AU]; 14 Mars Road, Lane Cove, New South Wales 2066 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HATZIANESTIS, Konstadinos** [AU/AU]; Cochlear Limited, 14 Mars Road, Lane Cove, New South Wales 2066 (AU). **NYGARD, Tony, M** [FI/AU]; Cochlear Limited, 14 Mars Road, Lane Cove, New South Wales 2066 (AU).

(74) **FBRICE & CO**; 139-141 Rathdowne Street, Carlton, Victoria 3053 (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)⁷ **H05B 3/10, 3/00, H01L 21/60, 21/02**

(11) **WO 2004/089039** (13) A1

(21) PCT/JP2003/004105

(22) **31 Mar/mar 2003 (31.03.2003)**

(25) ja (26) ja

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HEATER FOR SEMICONDUCTOR MANUFACTURING AND INSPECTING EQUIPMENT
• SYSTEME DE CHAUFFAGE POUR EQUIPEMENT DE PRODUCTION ET DE CONTROLE DE SEMI-CONDUCTEURS

(71) **IBIDEN CO., LTD.** [JP/JP]; 1, Kanda-cho 2-chome, Ogaki-shi, Gifu 503-0917 (JP).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SUGIMOTO, Keizo** [JP/JP]; c/o IBIDEN CO., LTD., 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0601 (JP). **ITO, Yasutaka** [JP/JP]; c/o IBIDEN CO., LTD., 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0601 (JP). **OZAKI, Jun** [JP/JP]; c/o IBIDEN CO., LTD., 1-1, Kitakata, Ibigawa-cho, Ibi-gun, Gifu 501-0601 (JP).
- (74) **OGAWA, Junzo** et al. / etc.; Kobikikan Ginza Bldg., 8-9, Ginza 2-chome, Chuo-ku, Tokyo 104-0061 (JP).
- (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).

(51)⁷ H05B 3/12

(11) WO 2004/089040 (13) A1

(21) PCT/RU2003/000133

(22) 2 Apr/avr 2003 (02.04.2003)

(25) ru (26) ru

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRICAL HEATING ELEMENT
• ELEMENT ELECTROTHERMIQUE

(71, 72) **DUBININ, Vladimir Stepanovich** [RU/RU]; Kavkazsky bul., 21-1-69, Moscow, 115304 (RU). **KRUTOVA, Yelena Igorevna** [RU/RU]; Leninsky pr-t, 82/2-255, Moscow, 117261 (RU). **SOROKIN, Yury Mikhailovich** [RU/RU]; Leninsky pr-t, 66-136, Moscow, 119048 (RU). **SPIRIN, Yury Leonidovich** [RU/RU]; Leninsky pr-t, 82/2-255, Moscow, 117261 (RU). **FROLOV, Dmitry Vladimirovich** [RU/RU]; ul. Golubinskaya, 7-2-207, Moscow, 117574 (RU).

(74) **PEVTSOV, Dmitry Alexandrovich**; ul. B.Pereyaslavskaya, 5-1-28, Moscow, 129110 (RU).

(81) JP 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)⁷ H05B 6/10, B21B 45/00

(11) WO 2004/089041 (13) A1

(21) PCT/JP2004/004174

(22) 25 Mar/mar 2004 (25.03.2004)

(25) ja (26) ja

(30) 2003-095010 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • TRANSVERSE TYPE INDUCTION HEATING DEVICE

• DISPOSITIF DE CHAUFFAGE A INDUCTION DU TYPE TRANSVERSAL

(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) **EGUCHI, Toshinobu** [JP/JP]; c/o Tada Electric Co., Ltd., 3-5-8, Higashitada, Kawanishi-shi, Hyogo 6660122 (JP).

SAKAMOTO, Hideo [JP/JP]; c/o Tada Electric Co., Ltd., 3-5-8, Higashitada, Kawanishi-shi, Hyogo 6660122 (JP). **SAIJOU, Norihiro** [JP/JP]; c/o Tada Electric Co., Ltd., 3-5-8, Higashitada, Kawanishi-shi, Hyogo 6660122 (JP).

(74) **OIWA, Masuo** et al. / etc.; 14-1, Minamitsukaguchi-cho 2-chome, Amagasaki-shi, Hyogo, 6610012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ H05B 33/02

(11) WO 2004/089042 (13) A1

(21) PCT/JP2004/003159

(22) 11 Mar/mar 2004 (11.03.2004)

(25) ja (26) ja

(30) 2003-066845 12 Mar/mar 2003 JP (12.03.2003)

(30) 2003-066846 12 Mar/mar 2003 JP (12.03.2003)

(30) 2003-073943 18 Mar/mar 2003 JP (18.03.2003)

(30) 2003-113055 17 Apr/avr 2003 JP (17.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTROLUMINESCENCE DEVICE

• DISPOSITIF ELECTROLUMINESCENT

(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) **HANDA, Keishin** [JP/JP]; c/o MITSUBISHI CHEMICAL CORPORATION, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP). **ARAMAKI, Shinji** [JP/JP]; c/o MITSUBISHI CHEMICAL CORPORATION, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP). **AYA, Tetsuya** [JP/JP]; c/o MITSUBISHI CHEMICAL CORPORATION, 1, Toho-cho, Yokkaichi-shi, Mie 5108530 (JP).

(74) **OKADA, Kazuhiko**; Okada & Associates, 6F, Kudan Kangyo Bldg., 10-1, Kudan-Kita 1-chome, Chiyoda-ku, Tokyo 1020073 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ H05B 33/14, 33/10, 33/22, C09K 11/06, C08L 65/00

(11) WO 2004/089043 (13) A1

(21) PCT/JP2004/004104

(22) 24 Mar/mar 2004 (24.03.2004)

(25) ja (26) ja

(30) 2003-097308 31 Mar/mar 2003 JP (31.03.2003)

(30) 2004-055397 27 Feb/fév 2004 JP (27.02.2004)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ORGANIC ELECTROLUMINESCENT DEVICE AND METHOD FOR MANUFACTURING SAME

• DISPOSITIF ELECTROLUMINESCENT ORGANIQUE ET PROCÉDE DE FABRICATION DU DISPOSITIF

(71) **SANYO ELECTRIC CO. LTD.** [JP/JP]; 2-5-5, Keihanondori, Moriguchi-shi, Osaka, 5708677 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRAYAMA, Yasuko** SANO, Takeshi SAKAKIBARA, Takahisa

(74) **FUKUSHIMA, Yoshito**; Esaka Mitaka Bldg. 6F, 4-1, Hiroshiba-cho, Suita-shi, Osaka, 5640052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN 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)⁷ H05B 41/38

(11) WO 2004/089044 (13) A1

(21) PCT/US2003/034954

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 60/422,662 31 Oct/oct 2002 US (31.10.2002)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LAMP CONDITIONING SYSTEM

• SYSTEME DE CONDITIONNEMENT DE LAMPE

(71) **DELTA POWER SUPPLY** [US/US]; 11405 Grooms Road, Cincinnati, OH 45242 (US).

(72) **BEASLEY, Denny, D.**; 8358 Ellenwood Drive, Cincinnati, OH 45249 (US).

(74) **THIEMANN, Rodney**; 11405 Grooms Road, Cincinnati, OH 45242 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID 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)⁷ H05G

(11) WO 2004/089045 (13) A2

(21) PCT/FR2004/000660

(22) 18 Mar/mar 2004 (18.03.2004)

(25) fr (26) fr

(30) 03/03593 25 Mar/mar 2003 FR (25.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • HIGH-VOLTAGE GENERATOR MANAGED BY AN ELECTRONIC MONOCARD USED FOR X-RAY TUBES

• GENERATEUR D'ALIMENTATION HAUTE TENSION GERE PAR UNE MONOCARTE ELECTRONIQUE. APPLICATION NOTAMMENT AUX TUBES A RAYON X.

(71) SOCIETE 12M [FR/FR]; 18bis, rue de la Reole, F-33800 Bordeaux (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BERTHAUT, Jean-Claude [FR/FR]; 155 crs de la somme, F-33000 Bordeaux (FR). CROISSANT, David [FR/FR]; 9bis, av. de la Gare, F-33640 Macau (FR). PERIN, Pascal [FR/FR]; 38, rue Claude Terrasse, F-75016 Paris (FR). TOURNEBISE, Gilles [FR/FR]; 2, allée de Bonaguilh, F-33170 Gradignan (FR).

(74) SOCIETE 12M; 18bis, rue de la Reole, F-33800 Bordeaux (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)⁵ H05H 1/46, C23C 16/50, C23F 4/00, H01L 21/205, 21/302, 21/365

(11) WO 2004/089046 (13) A1

(21) PCT/JP1992/001430

(22) 5 Nov/nov 1992 (05.11.1992)

(25) ja (26) ja

(30) 3/315266 5 Nov/nov 1991 JP (05.11.1991)

(30) 3/293010 8 Nov/nov 1991 JP (08.11.1991)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MICROWAVE INTRODUCING APPARATUS HAVING ENDLESS RING-LIKE WAVEGUIDE, AND PLASMA PROCESSING EQUIPMENT PROVIDED WITH THE SAME

• APPAREIL D'INTRODUCTION D'ONDES ULTRACOURTES COMPORTANT UN GUIDE D'ONDE EN FORME D'ANNEAU SANS FIN ET INSTALLATION DE TRAITEMENT AU PLASMA COMPRENANT CET APPAREIL

(71, 72) SUZUKI, Nobumasa [JP/JP]; 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146 (JP).

(74) OGIUE, Toyonori; 3F Tamayanagi Building, 3-1, Rokubanchō, Chiyoda-ku, Tokyo 102 (JP).

(81) US.

Published / Publiée : (e): 30Jan/jan 1996 (30.01.1996), 5487875

(51)⁷ H05K 1/03, H01L 21/60

(11) WO 2004/089047 (13) A1

(21) PCT/JP2004/003721

(22) 19 Mar/mar 2004 (19.03.2004)

(25) ja (26) ja

(30) 2003-093835 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • ELECTRIC CONNECTING PART
• CONNEXION ELECTRIQUE

(71) JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED [JP/JP]; 21-2, Dogenzaka 1-chome, Shibuya-ku, Tokyo, 1500043 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAI, Tomishige [JP/JP]TAKAHASHI, Seiya [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)⁷ H05K 1/18, 3/46

(11) WO 2004/089048 (13) A1

(21) PCT/FI2004/000195

(22) 31 Mar/mar 2004 (31.03.2004)

(25) fi (26) en

(30) 20030493 1 Apr/avr 2003 FI (01.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • METHOD FOR MANUFACTURING AN ELECTRONIC MODULE AND AN ELECTRONIC MODULE

• PROCEDE DE FABRICATION DE MODULE ELECTRONIQUE ET MODULE ELECTRONIQUE

(71) IMBERA ELECTRONICS OY [FI/FI]; PL 74, FI-02151 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TUOMINEN, Risto [FI/FI]; Vainöläkatu 17 B 18, FI-00610 Helsinki (FI). PALM, Petteri [FI/FI]; Alkutie 47 as. 1, FI-00660 Helsinki (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 MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H05K 3/46

(11) WO 2004/089049 (13) A1

(21) PCT/JP2004/004277

(22) 26 Mar/mar 2004 (26.03.2004)

(25) ja (26) ja

(30) 2003-90235 28 Mar/mar 2003 JP (28.03.2003)

(30) 2003-93352 31 Mar/mar 2003 JP (31.03.2003)

(30) 2003-95573 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • MULTILAYER SUBSTRATE AND METHOD FOR PRODUCING SAME

• SUBSTRAT MULTICOUCHE ET SON PROCEDE DE PRODUCTION

(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) TAKAYA, Minoru [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). ENDO, Toshikazu [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). KOBUE, Hisashi [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). SASAKI, Masami [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

KAJINO, Takashi [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). GOTO, Katsuyoshi [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).

(74) NAITO, Teruo et al. / etc.; 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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ 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)⁷ H05K 5/02, G11B 33/02

(11) WO 2004/089050 (13) A1

(21) PCT/JP2003/016228

(22) 18 Dec/déc 2003 (18.12.2003)

(25) ja (26) ja

(30) 2003-89491 28 Mar/mar 2003 JP (28.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • CASING WITH BOSS FOR ELIMINATING SHARP EDGE
• BOITIER COMPRENANT UN BOSA SAGE POUR ELIMINER LE BORD AIGU

(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) UEMATSU, Hidehiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TAKABAYASHI, Satoru [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). OKAMOTO, Mitsuhiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) HASHIMOTO, Takeshi et al. / etc.; c/o Shiga Patent Office, Ekisaikai Bldg., 1-29, Akashi-cho, Chuo-ku, Tokyo 104-0044 (JP).

(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).

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(51)⁷ H05K 7/14, H02M 7/00, G05B 19/042

(11) WO 2004/089051 (13) A1

(21) PCT/EP2004/003040

(22) 23 Mar/mar 2004 (23.03.2004)

(25) de (26) de

(30) 103 15 623.2 4 Apr/avr 2003 DE (04.04.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • LOW-VOLTAGE MODULE

• MODULE BASSE TENSION

(71) ABB PATENT GMBH [DE/DE]; Wallstadter Strasse 59, 68520 Ladenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERKEL, Hans-Peter [DE/DE]; Danziger Strasse 17, 69198 Schriesheim (DE). ZANK, Gunnar [DE/DE]; Ludwig-Thoma-Strasse 57, 016179 Teutchen-thal (DE).

(74) MILLER, Toivo; ABB Patent GmbH, Wallstadter Strasse 59, 68526 Ladenburg (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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(25) ja (26) ja

(30) 2003-058354 5 Mar/mar 2003 JP (05.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • COOLER USING FILTER WITH DEHUMIDIFYING FUNCTION
• REFROIDISSEUR UTILISANT UN FILTRE COMPORTANT UNE FONCTION DE DESHUMIDIFICATION

(71) NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).
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(72, 75) HIRANO, Katsuya [JP/JP]; c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, 1088001 (JP).

(74) MIYAZAKI, Teruo et al. / etc.; 8th Floor, 16th Kowa Bldg., 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 VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE 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/DK2003/000219

(22) 4 Apr/avr 2003 (04.04.2003)

(25) en (26) en

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • INVENTION CONCERNING THE REMOVAL OF RADIATION FROM MOBILE PHONES AND OTHER ELECTRICAL/ELECTRONIC APPLIANCES
• PROCEDE POUR ELIMINER LE RAYONNEMENT EMIS PAR LES TELEPHONES MOBILES ET AUTRES APPAREILS ELECTRIQUES OU ELECTRONIQUES

(71, 72) NEERGASRD, Per, Jan [DK/DK]; Herluf Trolles Gade 6, III tv., DK-1052 Copenhagen (DK). ZWEIDORFF, Hannah [DK/DK]; Agervænget 12, DK-4293 Dianalund (DK). BOZZINI, Rene [CH/CH]; Via Minigera 20, CH-6926 Montagnola (CH). KARSTEN, Madsen [DK/DK]; Ringkobingvej 6, DK-4200 Siagelse (DK).

(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 FR GB GD GE GH GM HR HU ID 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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(21) PCT/JP2003/014280

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2003-97022 31 Mar/mar 2003 JP (31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SiC-HEXAGONAL FERRITE TYPE CERAMIC COMPOSITE ELECTROMAGNETIC WAVE ABSORBER

• ABSORBEUR D'ONDES ELECTROMAGNETIQUES COMPOSITE CERAMIQUE DE TYPE FERRITE HEXAGONALE-SiC

(71) JAPAN SCIENCE AND TECHNOLOGY AGENCY [JP/JP]; 1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).
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(72, 75) **TAKADA, Jun** [JP/JP]; 14-10, Shimizu 1-chome, Okayama-shi, Okayama 703-8243 (JP). **FUJII, Tatsuo** [JP/JP]; 7-10-1, Tsushimaminami 2-chome, Okayama-shi, Okayama 700-0085 (JP). **NAKANISHI, Makoto** [JP/JP]; Room S-102, Yamada-Coop, 3-30, Gakunan-cho 3-chome, Okayama-shi, Okayama 700-0011 (JP).

(74) **NISHI, Yoshiyuki**; Nishi Patent Office, Suite 211, 26-32, Nakahara 4-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0036 (JP).

(81) CA 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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(30) 2003-096872 31 Mar/mar 2003 JP
(31.03.2003)

(43) 14 Oct/oct 2004 (14.10.2004)

(54) • SHIELD BOX AND SHIELD METHOD
• BOÎTE BLINDÉE ET PROCÉDÉ DE BLINDAGE

(71) **SHIN-ETSU POLYMER CO., LTD.** [JP/JP]; 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP).
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(72, 75) **KAWAGUCHI, Toshiyuki** [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP). **SERIGUCHI, Katsuhiko** [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP). **KOMATSU, Hiroto** [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 3-5, Nihonbashi-honcho 4-chome, Chuo-ku,

Tokyo 103-0023 (JP). **TANAKA, Kiyofumi** [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (JP). **KATO, Hiroshi** [JP/JP]; c/o Shin-Etsu Polymer Co., Ltd., 3-5, Nihonbashi-honcho 4-chome, Chuo-ku, Tokyo 103-0023 (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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).